CHAPTER 2

The Recording Process

ASSIGNMENT CLASSIFICATION TABLE

<u>Lea</u>	rning Objectives	Questions	Brief Exercises	Do It!	Exercises	A Problems
1.	Indicate how accounts, debits, and credits are used to record business transactions.	1, 2, 3, 4, 5, 6, 7, 8, 9, 19, 21	1, 2, 5	1	1, 2, 4, 6, 7, 14	1A, 2A, 3A, 5A
2.	Indicate how a journal is used in the recording process.	10, 11, 12, 13, 14, 16	3, 4, 6	2	3, 5, 6, 7, 10, 11, 12	1A, 2A, 3A, 5A
3.	Explain how a ledger and posting help in the recording process.	15, 17	7, 8	3	8, 9, 12	2A, 3A, 5A
4.	Prepare a trial balance.	18, 20	9, 10	4	9, 10, 11, 13, 14	2A, 3A, 4A, 5A

ASSIGNMENT CHARACTERISTICS TABLE

Problem Number	Description	Difficulty Level	Time Allotted (min.)
1A	Journalize a series of transactions.	Simple	20–30
2A	Journalize transactions, post, and prepare a trial balance.	Simple	30–40
ЗА	Journalize transactions, post, and prepare a trial balance.	Moderate	40–50
4A	Prepare a correct trial balance.	Moderate	30–40
5A	Journalize transactions, post, and prepare a trial balance.	Moderate	40–50

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Number	LO	BT	Difficulty	Time (min.)
BE1	1	С	Simple	6–8
BE2	1	С	Simple	4–6
BE3	2	AP	Simple	4–6
BE4	2	С	Moderate	4–6
BE5	1	С	Simple	6–8
BE6	2	AP	Simple	4–6
BE7	3	AP	Simple	4–6
BE8	3	AP	Simple	4–6
BE9	4	AP	Simple	4–6
BE10	4	AN	Moderate	6–8
DI1	1	С	Simple	3–5
DI2	2	AP	Simple	3–5
DI3	3	AP	Simple	2–4
DI4	4	AP	Simple	6–8
EX1	1	K	Simple	2–4
EX2	1	С	Simple	10–15
EX3	2	AP	Simple	8–10
EX4	1	С	Simple	6–8
EX5	2	AP	Simple	6–8
EX6	1, 2	AP	Simple	6–8
EX7	1, 2	AP	Simple	8–10
EX8	3	K	Simple	2–4
EX9	3, 4	AP	Simple	10–12
EX10	2, 4	AP	Moderate	10–12
EX11	2, 4	AP	Moderate	12–15
EX12	2, 3	AP	Moderate	12–15
EX13	4	AN	Moderate	6–8
EX14	1, 4	AP	Simple	8–10

THE RECORDING PROCESS (Continued)

Number	LO	ВТ	Difficulty	Time (min.)
P1A	1, 2	AP	Simple	20–30
P2A	1, 2, 3, 4	AP	Simple	30–40
P3A	1, 2, 3, 4	AP	Moderate	40–50
P4A	4	AN	Moderate	30–40
P5A	1, 2, 3, 4	AP	Moderate	40–50
BYP1	1	С	Simple	8–10
BYP2	1, 2	AN	Simple	8–10
BYP3	_	AP	Simple	15–20
BYP4	_	AP, S	Simple	15–20
BYP5	3, 4	AP, S	Moderate	20–30
BYP6	4	AN, E	Moderate	10–15
BYP7	_	Е	Moderate	10–15
BYP8	_	Е	Moderate	15–20
BYP9	_	Е	Moderate	15–20
BYP10	_	Е	Moderate	20–30

Correlation Chart between Bloom's Taxonomy, Learning Objectives and End-of-Chapter Exercises and Problems

BLOOM'S TAXONOMY TABLE

	Learning Objective	Knowledge	Comprehension	Application	Analysis	Synthesis	Evaluation
1.	Describe how accounts, debits, and credits are used to record business transactions.	Q2-21 E2-1	Q2-3 Q2-9 E2-2	E2-6 P2-1A P2-5A E2-7 P2-2A E2-14 P2-3A			
2.	Indicate how a journal is used in the recording process.	Q2-12	Q2-14 BE2-4	Q2-16 E2-5 E2-12 BE2-3 E2-6 P2-1A BE2-6 E2-7 P2-2A DI2-2 E2-10 P2-3A E2-3 E2-11 P2-5A			
3.	Explain how a ledger and posting help in the recording process.		Q2-17	BE2-7 E2-9 P2-3A BE2-8 E2-12 P2-5A DI2-3 P2-2A			
4.	Prepare a trial balance.		Q2-20	BE2-9 E2-10 P2-2A DI2-4 E2-11 P2-3A E2-9 E2-14 P2-5A	E2-13		
Bro	padening Your Perspective		Financial Reporting		Comparative Analysis Ethics Case	Decision Making Across the	

ANSWERS TO QUESTIONS

- 1. A T account has the following parts: (a) the title, (b) the left or debit side, and (c) the right or credit side.
- 2. Disagree. The terms debit and credit mean left and right respectively.
- 3. Heath is incorrect. The double-entry system merely records the dual effect of a transaction on the accounting equation. A transaction is not recorded twice: it is recorded once, with a dual effect.
- 4. Erica is incorrect. A debit balance only means that debit amounts exceed credit amounts in an account. Conversely, a credit balance only means that credit amounts are greater than debit amounts in an account. Thus, a debit or credit balance is neither favorable nor unfavorable.
- 5. (a) Asset accounts are increased by debits and decreased by credits.
 - (b) Liability accounts are decreased by debits and increased by credits.
 - (c) Revenues and owner's capital are increased by credits and decreased by debits. Expenses and owner's drawing are increased by debits and decreased by credits.
- (a) Accounts Receivable—debit balance. 6.
 - (b) Cash—debit balance.
 - (c) Owner's Drawings—debit balance.
 - (d) Accounts Payable—credit balance.
 - (e) Service Revenue—credit balance.
 - Salaries and Wages Expense—debit balance. (f)
 - (g) Owner's Capital—credit balance.
- 7. (a) Accounts Receivable—asset—debit balance.
 - (b) Accounts Payable—liability—credit balance
 - (c) Equipment—asset—debit balance.
 - (d) Owner's Drawings—owner's equity—debit balance.
 - (e) Supplies—asset—debit balance.
- 8. (a) Debit Supplies and credit Accounts Payable.
 - (b) Debit Cash and credit Notes Payable.
 - (c) Debit Salaries and Wages Expense and credit Cash.
- 9. (1) Cash—both debit and credit entries.
 - (2) Accounts Receivable—both debit and credit entries.
 - (3) Owner's Drawings—debit entries only.
 - (4) Accounts Payable—both debit and credit entries.
 - (5) Salaries and Wages Expense—debit entries only.
 - (6) Service Revenue—credit entries only.
- 10. The basic steps in the recording process are:
 - (1) Analyze each transaction for its effect on the accounts.
 - (2) Enter the transaction information in a journal.
 - (3) Transfer the journal information to the appropriate accounts in the ledger.

Questions Chapter 2 (Continued)

- **11.** The advantages of using the journal in the recording process are:
 - (1) It discloses in one place the complete effects of a transaction.
 - (2) It provides a chronological record of all transactions.
 - (3) It helps to prevent or locate errors because the debit and credit amounts for each entry can be easily compared.
- **12.** (a) The debit should be entered first.
 - (b) The credit should be indented.
- 13. When three or more accounts are required in one journal entry, the entry is referred to as a compound entry. An example of a compound entry is the purchase of equipment, part of which is paid for with cash and the remainder is on account.
- **14.** (a) No, debits and credits should not be recorded directly in the ledger.
 - (b) The advantages of using the journal are:
 - 1. It discloses in one place the complete effects of a transaction.
 - 2. It provides a chronological record of all transactions.
 - 3. It helps to prevent or locate errors because the debit and credit amounts for each entry can be easily compared.
- **15.** The advantage of the last step in the posting process is to indicate that the item has been posted.

16.	(a)	Cash	9,000	
	()	Owner's Capital		9,000
		(Invested cash in the business)		•
	(b)	Prepaid Insurance	800	
		Cash		800
		(Paid one-year insurance policy)		
	(c)	Supplies	2,000	
		Accounts Payable		2,000
		(Purchased supplies on account)		
	(d)	Cash	7,500	
		Service Revenue		7,500
		(Received cash for services performed)		

- **17.** (a) The entire group of accounts maintained by a company, including all the asset, liability, and owner's equity accounts, is referred to collectively as the ledger.
 - (b) A chart of accounts is a list of accounts and the account numbers that identify their location in the ledger. The chart of accounts is important, particularly for a company that has a large number of accounts, because it helps organize the accounts and define the level of detail that a company desires in its accounting system.

Questions Chapter 2 (Continued)

- **18.** A trial balance is a list of accounts and their balances at a given time. The primary purpose of a trial balance is to prove (check) that the debits equal the credits after posting. A trial balance also facilitates the discovery of errors in journalizing and posting. In addition, it is useful in preparing financial statements.
- **19.** No, Victor is not correct. The proper sequence is as follows:
 - (b) Business transaction occurs.
 - (c) Information entered in the journal.
 - (a) Debits and credits posted to the ledger.
 - (e) Trial balance is prepared.
 - (d) Financial statements are prepared.
- **20.** (a) The trial balance would balance.
 - (b) The trial balance would not balance.
- 21. The normal balances are Cash debit, Accounts Payable credit, and Interest Expense debit.

SOLUTIONS TO BRIEF EXERCISES

BRIEF EXERCISE 2-1

		(a)	(b)	(c)
		Debit	Credit	Normal
		Effect	Effect	Balance
1.	Accounts Payable	Decrease	Increase	Credit
2.	Advertising Expense	Increase	Decrease	Debit
3.	Service Revenue	Decrease	Increase	Credit
4.	Accounts Receivable	Increase	Decrease	Debit
5.	Owner's Capital	Decrease	Increase	Credit
6.	Owner's Drawings	Increase	Decrease	Debit

BRIEF EXERCISE 2-2

	Account Debited	Account Credited
June 1	Cash	Owner's Capital
2	Equipment	Accounts Payable
3	Rent Expense	Cash
12	Accounts Receivable	Service Revenue

BRIEF EXERCISE 2-3

June	1	Cash Owner's Capital	5,000	5,000
	2	Equipment Accounts Payable	2,400	2,400
	3	Rent Expense Cash	800	800
	12	Accounts Receivable Service Revenue	300	300

BRIEF EXERCISE 2-4

The basic steps in the recording process are:

- 1. Analyze each transaction. In this step, business documents are examined to determine the effects of the transaction on the accounts.
- 2. Enter each transaction in a journal. This step is called journalizing and it results in making a chronological record of the transactions.
- Transfer journal information to ledger accounts. This step is called posting. Posting makes it possible to accumulate the effects of journalized transactions on individual accounts.

BRIEF EXERCISE 2-5

(a) Effect on Accounting Equation

(b) Debit-Credit Analysis

Aug. 1 The asset Cash is increased; the owner's equity account Owner's Capital is increased.

Debits increase assets: debit Cash \$8,000. Credits increase owner's equity: credit Owner's Capital \$8,000.

4 The asset Prepaid Insurance is increased; the asset Cash is decreased.

Debits increase assets: debit Prepaid Insurance \$1,800. Credits decrease assets: credit Cash \$1,800.

16 The asset Cash is increased; the revenue Service Revenue is increased.

Debits increase assets: debit Cash \$3,600. Credits increase revenues: credit Service Revenue \$3,600.

27 The expense Salaries and Wages Expense is increased; the asset Cash is decreased.

Debits increase expenses: debit Salaries and Wages Expense \$1,000. Credits decrease assets: credit Cash \$1,000.

BRIEF EXERCISE 2-6

Aug. 1	CashOwner's Capital	8,000	8,000
4	Prepaid Insurance Cash	1,800	1,800
16	CashService Revenue	3,600	3,600
27	Salaries and Wages Expense Cash	1,000	1,000

BRIEF EXERCISE 2-7

Cash			Service Revenue			
5/12	2,400			5/5	4,400	
5/15	3,000			5/15	3,000	
Ending Ba	I. 5,400			Ending Bal.	7,400	

Accounts Receivable					
5/5	4,400	5/12	2,400		
Ending Bal.	2,000				

BRIEF EXERCISE 2-8

Cash

Date	Explanation	Ref.	Debit	Credit	Balance
May 12		J1	2,400		2,400
15		J1	3,000		5,400

BRIEF EXERCISE 2-8 (Continued)

Accounts Receivable

Date	Explanation	Ref.	Debit	Credit	Balance
May 5		J1	4,400		4,400
12		J1		2,400	2,000

Service Revenue

Date	Explanation	Ref.	Debit	Credit	Balance
May 5		J1		4,400	4,400
15		J1		3,000	7,400

BRIEF EXERCISE 2-9

AMARO COMPANY Trial Balance June 30, 2017

Cash	Debit \$ 5,800	Credit
Accounts Receivable	3,000	
Equipment	17,000	
Accounts Payable	·	\$ 8,100
Owner's Capital		15,000
Owner's Drawings	1,200	
Service Revenue	·	10,000
Salaries and Wages Expense	5,100	•
Rent Expense	1,000	
•	\$33,100	\$33,100

CAPPSHAW COMPANY **Trial Balance December 31, 2017**

Openh	<u>Debit</u>	Credit
Cash	\$10,800	
Prepaid Insurance	3,500	
Accounts Payable	•	\$ 3,000
Unearned Service Revenue		2,200
Owner's Capital		9,000
Owner's Drawings	4,500	
Service Revenue		25,600
Salaries and Wages Expense	18,600	
Rent Expense	2,400	
-	\$39,800	\$39,800

SOLUTIONS FOR DO IT! REVIEW EXERCISES

DO IT! 2-1

Tom would likely need the following accounts in which to record the transactions necessary to ready his photography studio for opening day:

Cash (debit balance)	Equipment (debit balance)
Supplies (debit balance)	Accounts Payable (credit balance)
Notes Payable (credit balance)	Owner's Capital (credit balance)

DO IT! 2-2

Each transaction that is recorded is entered in the general journal. The three activities would be recorded as follows:

1.	Cash	6,300	
	Owner's Capital	·	6,300
2.	Supplies	1,100	
	Cash		400
	Accounts Payable		700

No entry because no transaction has occurred. 3.

DO IT! 2-3

Cash					
4/1	1,600	4/16	700		
4/3	3,400	4/20	250		
4/30	4,050				

DO IT! 2-4

CARLAND COMPANY Trial Balance December 31, 2017

Cash	Debit \$ 6,000 8,000 6,000	Credit
Equipment Notes Payable Accounts Payable	80,000	\$ 20,000 11,000
Salaries and Wages Payable Owner's Capital	8,000	3,000 28,000
Owner's Drawings Service Revenue Rent Expense	4,000	88,000
Salaries and Wages Expense	38,000 \$150,000	<u>\$150,000</u>

SOLUTIONS TO EXERCISES

- 1. False. An account is an accounting record of a specific asset, liability, or owner's equity item.
- 2. False. An account shows increases and decreases in the item it relates to.
- 3. False. Each asset, liability, and owner's equity item has a separate account.
- 4. False. An account has a left, or debit side, and a right, or credit side.
- 5. True.

	Account Debited			Account Credited				
Transaction	(a) Basic Type	(b) Specific Account	(c)	(d) Normal Balance	(a) Basic Type	(b) Specific Account	(c)	(d) Normal Balance
Jan. 2	Asset	Cash	Increase	Debit	Owner's Equity	Owner's Capital	Increase	Credit
3	Asset	Equipment	Increase	Debit	Asset	Cash	Decrease	Debit
9	Asset	Supplies	Increase	Debit	Liability	Accounts Payable	Increase	Credit
11	Asset	Accounts Receivable	Increase	Debit	Owner's Equity	Service Revenue	Increase	Credit
16	Owner's Equity	Advertising Expense	Increase	Debit	Asset	Cash	Decrease	Debit
20	Asset	Cash	Increase	Debit	Asset	Accounts Receivable	Decrease	Debit
23	Liability	Accounts Payable	Decrease	Credit	Asset	Cash	Decrease	Debit
28	Owner's Equity	Owner's Drawings	Increase	Debit	Asset	Cash	Decrease	Debit

General Journal						
Date	Account Titles and Explanation	Ref.	Debit	Credit		
Jan. 2	CashOwner's Capital		10,000	10,000		
3	Equipment Cash		3,000	3,000		
9	Supplies Accounts Payable		500	500		
11	Accounts Receivable Service Revenue		2,400	2,400		
16	Advertising Expense Cash		350	350		
20	CashAccounts Receivable		700	700		
23	Accounts Payable Cash		300	300		
28	Owner's DrawingsCash		1,000	1,000		

- Debits increase assets: debit Cash \$15,000. Oct. 1 Credits increase owner's equity: credit Owner's Capital \$15,000.
 - 2 No transaction.
 - 3 Debits increase assets: debit Equipment \$1,900. Credits increase liabilities: credit Accounts Payable \$1,900.

EXERCISE 2-4 (Continued)

- Debits increase assets: debit Accounts Receivable \$3,800. Oct. 6 Credits increase revenues: credit Service Revenue \$3,800.
 - Debits decrease liabilities: debit Accounts Payable \$1,100. 27 Credits decrease assets: credit Cash \$1,100.
 - Debits increase expenses: debit Salaries and Wages Expense 30 \$2,500. Credits decrease assets: credit Cash \$2,500.

EXERCISE 2-5

General Journal

Date	Account Titles and Explanation	Ref.	Debits	Credit
Oct. 1	Cash Owner's Capital		15,000	15,000
2	No entry.			
3	Equipment Accounts Payable		1,900	1,900
6	Accounts Receivable Service Revenue		3,800	3,800
27	Accounts Payable Cash		1,100	1,100
30	Salaries and Wages Expense Cash		2,500	2,500

- Increase the asset Cash, increase the liability Notes Payable. (a)
 - Increase the asset Equipment, decrease the asset Cash. 2.
 - Increase the asset Supplies, increase the liability Accounts Payable. 3.

(b)	1.	Cash	5,000	
` '		Notes Payable	•	5,000
	2.	Equipment	3,100	•
		Cash	•	3,100
	3.	Supplies	850	·
		Accounts Payable		850

EXERCISE 2-7

(a)	Assets = Liabiliti	es + Owner's Equity	
	1. +	+ (Inves	stme

ent) (Expense) 2.

(Revenue) 3.

(Drawings)

(b)	1.	Cash	4,000	
` '		Owner's Capital	·	4,000
	2.	Rent Expense	840	
		Cash		840
	3.	Accounts Receivable	5,200	
		Service Revenue		5,200
	4.	Owner's Drawings	750	·
		Cash		750

- 1. False. The general ledger contains all the asset, liability, and owner's equity accounts.
- True. 2.
- 3. False. The accounts in the general ledger are arranged in financial statement order: first the assets, then the liabilities, owner's capital, owner's drawings, revenues, and expenses.
- 4. True.
- False. The general ledger is not a book of original entry; transactions 5. are first recorded in the general journal, then in the general ledger.

(a)

	Cash			Notes Payable	
Aug. 1	5,000 Au	ıg. 12	2,300	Aug. 12	2,700
10	2,600				
31	900				
Bal.	6,200			Owner's Capital	
			- -	Aug. 1	5,000
Aug. 25	counts Red 1,700 Au	eivable ıg. 31	900	Service Revenue	
Bal.	800		-	Aug. 10	2,600
				25	1,700
			-	Bal.	4,300
	Equipme	ent		·	•
Aug. 12	5.000	·	-		

(b) JUNE FELDMAN, INVESTMENT BROKER **Trial Balance**

August 31, 2017

	Debit	Credit
Cash	\$ 6,200	
Accounts Receivable	800	
Equipment	5,000	
Notes Payable	,	\$ 2,700
Owner's Capital		5,000
Service Revenue		4,300
	\$12,000	\$12,000

(a)

General Journal

Date	Account Titles and Explanation	Ref.	Debit	Credit
Apr. 1	Cash Owner's Capital (Owner's investment of cash in business)		12,000	12,000
12	Cash Service Revenue (Received cash for services performed)		900	900
15	Salaries and Wages Expense Cash (Paid salaries to date)		1,300	1,300
25	Accounts Payable Cash (Paid creditors on account)		1,500	1,500
29	Cash Accounts Receivable (Received cash in payment of account)		400	400
30	Cash		1,000	1,000

EXERCISE 2-10 (Continued)

(b) **DAGGETT LANDSCAPING COMPANY Trial Balance** April 30, 2017

		• •		
	Accou Suppli Accou Unearr Owner Service	nts Receivablents Payablened Service Revenuere Revenuere Revenueres and Wages Expensere	Debit \$11,500 2,800 1,800 1,300 \$17,400	\$ 300 1,000 12,000 4,100 \$17,400
EXE	ERCISE	2-11		
(a)	Oct. 1	Cash Owner's Capital (Owner's investment of cash in business)	3,000	3,000
	10	Cash	750	750
	10	Cash Notes Payable (Obtained loan from bank)	4,000	4,000
	20	Cash Accounts Receivable (Received cash in payment of account)	500	500
	20	Accounts Receivable Service Revenue (Billed clients for services performed)	940	940

EXERCISE 2-11 (Continued)

(b) SHUMWAY CO. **Trial Balance** October 31, 2017

	Debit	Credit
Cash	\$ 7,200	
Accounts Receivable	1,240	
Supplies	400	
Equipment	2,000	
Notes Payable	·	\$ 4,000
Accounts Payable		500
Owner's Capital		5,000
Owner's Drawings	300	•
Service Revenue		2,490
Salaries and Wages Expense	500	•
Rent Expense	350	
•	\$11,990	<u>\$11,990</u>

EXERCISE 2-12

(a)

•	General Journal			J1
Date	Account Titles and Explanation	Ref.	Debit	Credit
Sept. 1	CashOwner's Capital	101 301	10,000	10,000
5	Equipment	157 101	12,000	4,000
	CashAccounts Payable	201		8,000 8,000
25	Accounts PayableCash	201 101	3,000	3,000
30	Owner's Drawings Cash	306 101	700	700

EXERCISE 2-12 (Continued)

(b)

Cash					No. 101
Date	Explanation	Ref.	Debit	Credit	Balance
Sept. 1		J1	10,000		10,000
5		J1		4,000	6,000
25		J1		3,000	3,000
30		J1		700	2,300
Equipmer	nt				No. 157
Date	Explanation	Ref.	Debit	Credit	Balance
Sept. 5		J1	12,000		12,000
Accounts	Payable				No. 201
Date	Explanation	Ref.	Debit	Credit	Balance
Sept. 5		J1		8,000	8,000
25		J1	3,000		5,000
Owner's (Capital				No. 301
Date	Explanation	Ref.	Debit	Credit	Balance
Sept. 1	·	J1		10,000	10,000
Owner's [Drawings				No. 306
Date	Explanation	Ref.	Debit	Credit	Balance
Sept. 30	-	J1	700		700

	(a)	(b)	(c)
Error	In Balance	Difference	Larger Column
1.	No	\$525	Debit
2.	Yes	_	_
3.	Yes	_	_
4.	No	415	Credit
5.	Yes	_	_
6.	No	27	Debit

EXERCISE 2-14

OVERNITE DELIVERY SERVICE Trial Balance July 31, 2017

	<u>Debit</u>	Credit
Cash (\$78,821 – Debit total without Cash		
\$66,340)	\$12,481	
Accounts Receivable	7,642	
Prepaid Insurance	1,968	
Equipment	49,360	
Notes Payable	•	\$17,000
Accounts Payable		8,396
Salaries and Wages Payable		815
Owner's Capital		42,000
Owner's Drawings	700	,
Service Revenue		10,610
Salaries and Wages Expense	4,428	,
Maintenance and Repairs Expense	961	
Gasoline Expense	758	
Utilities Expense	523	
Cuitios Expoliso	\$78 821	\$78 821
	<u>Ψ1 0,02 1</u>	<u>Ψ1 0,02 1</u>

SOLUTIONS TO PROBLEMS

PROBLEM 2-1A

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Date	Account Titles and Explanation	Ref.	Debit	Credit
Mar. 1	Cash Owner's Capital (Owner's investment of cash in business)		20,000	20,000
3	Land Buildings Equipment Cash (Purchased Rainbow's Golf Land)		12,000 2,000 1,000	15,000
5	Advertising Expense Cash (Paid for advertising)		900	900
6	Prepaid Insurance Cash (Paid for one-year insurance policy)		600	600
10	Equipment Accounts Payable (Purchased equipment on account)		1,050	1,050
18	Cash Service Revenue (Received cash for services performed)		1,100	1,100
19	Cash Unearned Service Revenue (Received cash for coupon books sold)		1,500	1,500

PROBLEM 2-1A (Continued)

Date	Account Titles and Explanation	Ref.	Debit	Credit
Mar. 25	Owner's Drawings Cash (Withdrew cash for personal use)		800	800
30	Salaries and Wages Expense Cash(Paid salaries)		250	250
30	Accounts PayableCash(Paid creditor on account)		1,050	1,050
31	Cash		2,700	2,700

PROBLEM 2-2A

(a)

(a)				J1
Date	Account Titles and Explanation	Ref.	Debit	Credit
Apr. 1	Cash Owner's Capital (Owner's investment of cash in business)	101 301	20,000	20,000
1	No entry—not a transaction.			
2	Rent Expense Cash (Paid monthly office rent)	729 101	1,100	1,100
3	Supplies Accounts Payable (Purchased supplies on account from Dazzle Company)	126 201	4,000	4,000
10	Accounts Receivable Service Revenue (Billed clients for services performed)	112 400	5,100	5,100
11	Cash Unearned Service Revenue (Received cash for future service)	101 209	1,000	1,000
20	Cash Service Revenue (Received cash for services performed)	101 400	2,100	2,100
30	Salaries and Wages Expense Cash (Paid monthly salary)	726 101	2,800	2,800

PROBLEM 2-2A (Continued)

Date	Account Titles and E		Ref.	Debits	Credit	
Apr. 30	Accounts Payable Cash (Paid Dazzle Coaccount)	201 101	2,400	2,400		
(b)						
Cash						No. 101
Date	Explanation	Ref.	Debit	С	redit	Balance
Apr. 1		J1	20,000			20,000
2		J1		1	,100	18,900
11		J1	1,000			19,900
20		J1	2,100			22,000
30		J1		2	2,800	19,200
30		J1		2	2,400	16,800
Accounts	Receivable					No. 112
Date	Explanation	Ref.	Debit	С	redit	Balance
Apr. 10		J1	5,100			5,100
Supplies						No. 126
Date	Explanation	Ref.	Debit	С	redit	Balance
Apr. 3		J1	4,000			4,000
Accounts	s Payable					No. 201
Date	Explanation	Ref.	Debit	С	redit	Balance
Apr. 3		J1	2 400	4	1,000	4,000
30		J1	2,400			1,600
Unearned	l Service Revenue					No. 209
Date	Explanation	Ref.	Debit	С	redit	Balance
Apr. 11		J1		1	,000	1,000

PROBLEM 2-2A (Continued)

Owner's Capital					
Date	Explanation	Ref.	Debit	Credit	Balance
Apr. 1		J1		20,000	20,000
Service F	Revenue				No. 400
Date	Explanation	Ref.	Debit	Credit	Balance
Apr. 10		J1		5,100	5,100
20		J1		2,100	7,200
Salaries	and Wages Expense				No. 726
Date	Explanation	Ref.	Debit	Credit	Balance
Apr. 30		J1	2,800		2,800
Rent Exp	ense				No. 729
Date	Explanation	Ref.	Debit	Credit	Balance
Apr. 2		J1	1,100		1,100

EMILY VALLEY, DENTIST (c) **Trial Balance** April 30, 2017

	Debit	Credit
Cash	\$16,800	
Accounts Receivable	5,100	
Supplies	4,000	
Accounts Payable	·	\$ 1,600
Unearned Service Revenue		1,000
Owner's Capital		20,000
Service Revenue		7,200
Salaries and Wages Expense	2,800	•
Rent Expense	1,100	
•	\$29,800	\$29,800

PROBLEM 2-3A

(a)

Trans.	Account Titles and Explanation	Debit	Credit
1.	Cash Owner's Capital	40,000	40,000
2.	No entry—Not a transaction.		
3.	Prepaid Rent Cash	24,000	24,000
4.	Equipment Cash Accounts Payable	30,000	10,000 20,000
5.	Prepaid InsuranceCash	1,800	1,800
6.	Supplies Cash	420	420
7.	Supplies Accounts Payable	1,500	1,500
8.	Cash Accounts Receivable Service Revenue	8,000 12,000	20,000
9.	Accounts Payable Cash	400	400
10.	Cash Accounts Receivable	3,000	3,000
11.	Utilities Expense Accounts Payable	380	380

PROBLEM 2-3A (Continued)

Trans.	Accou	Account Titles and Explanation				Debit	Credit
12.		Salaries and Wages Expense Cash				6,100	6,100
(b)		_					
(4)		sh		(4)		ment	
(1)	40,000	(0)	04.000	<u>(4)</u>	30,000		
		(3)	24,000		30,000		
		(4)	10,000				
		(5)	1,800		A 1		l _
(0)	0 000	(6)	420		Accounts		
(8)	8,000	(0)	400			(4)	20,000
(40)	2 000	(9)	400	(0)	400	(7)	1,500
(10)	3,000	(12)	6 100	(9)	400	(4.4)	200
	8,280	(12)	6,100			(11)	380 21,480
(8)	12,000	Receivat	ole 3,000		Owner's	S Capital	40,000 40,000
	9,000				Service	Revenue	e
<u>/6\</u>	•	plies				(8)	20,000
(6)	420						20,000
<u>(7)</u>	1,500 1,920						
		•		Sala	ries and V	Vages Ex	kpense
	Dranaid I		_	(12)	6,100		_
	Prepaid I	nsurance	<u>e</u>	-	6,100		
(5)	1,800 1,800				·	•	
	1,000	I			Utilities	Expense	2
				(11)	380		-
	•	d Rent		<u>\'/</u>	380		
(3)	24,000					I	
	24,000						

PROBLEM 2-3A (Continued)

(c) **MAQUOKETA SERVICES Trial Balance** May 31, 2017

	Debit	Credit
Cash	\$ 8,280	
Accounts Receivable	9,000	
Supplies	1,920	
Prepaid Insurance	1,800	
Prepaid Rent	24,000	
Equipment	30,000	
Accounts Payable	·	\$21,480
Owner's Capital		40,000
Service Revenue		20,000
Salaries and Wages Expense	6,100	·
Utilities Expense	380	
•	\$81,480	\$81,480

PROBLEM 2-4A

AVTAR SANDHU CO. Trial Balance June 30, 2017

	Debit	Credit
Cash (\$3,340 + \$270)	\$ 3,610	
Accounts Receivable (\$2,812 – \$270)	2,542	
Supplies (\$1,200 – \$710)	490	
Equipment (\$2,600 + \$710)	3,310	
Accounts Payable (\$3,666 - \$306 - \$360)	·	\$ 3,000
Unearned Service Revenue		1,100
Owner's Capital		8,000
Owner's Drawings (\$800 + \$600)	1,400	·
Service Revenue (\$2,480 + \$882)	·	3,362
Salaries and Wages Expense		·
(\$3,200 + \$700 - \$600)	3,300	
Utilities Expense	810	
•	<u>\$15,462</u>	<u>\$15,462</u>

PROBLEM 2-5A

(a) & (c)

Cash					No. 101
Date	Explanation	Ref.	Debit	Credit	Balance
Mar. 1	Balance	✓			3,000
2		J1		1,500	1,500
9		J1	4,300		5,800
10		J1		4,100	1,700
12		J1		900	800
20		J1	5,000		5,800
20		J1		2,000	3,800
31		J1		3,100	700
31		J1	450		1,150
31		J1	9,000		10,150
Accounts Receivable					No. 112
Date	Explanation Explanation	Ref.	Debit	Credit	Balance
Mar. 31	Explanation	J1	450	Orean	450
mai i o i		•	100		.00
Land					No. 140
Date	Explanation	Ref.	Debit	Credit	Balance
Mar. 1	Balance	✓			24,000
Building	JS				No. 145
Date	Explanation	Ref.	Debit	Credit	Balance
Mar. 1	Balance	✓			10,000
Equipme	ent				No. 157
Date	Explanation	Ref.	Debit	Credit	Balance
Mar. 1	Balance	√			10,000
					•

(For Instructor Use Only)

PROBLEM 2-5A (Continued)

Account	s Payable				No. 201
Date	Explanation	Ref.	Debit	Credit	Balance
Mar. 1	Balance	✓			7,000
2		J1		2,000	9,000
10		J1	4,100		4,900
Owner's	Capital				No. 301
Date	Explanation	Ref.	Debit	Credit	Balance
Mar. 1	Balance	✓			40,000
Service Revenue No. 40					
Date	Explanation	Ref.	Debit	Credit	Balance
Mar. 9		J1		4,300	4,300
20		J1		5,000	9,300
31		J1		9,000	18,300
Rent Revenue					No. 429
Date	Explanation	Ref.	Debit	Credit	Balance
Mar.31	-	J1		900	900
Advertising Expense					No. 610
Date	Explanation	Ref.	Debit	Credit	Balance
Mar.12		J1	900		900
Salaries	and Wages Expense				No. 726
Date	Explanation	Ref.	Debit	Credit	Balance
Mar. 31	-	J1	3,100		3,100

PROBLEM 2-5A (Continued)

Rent Expense

Date	Explanation	Ref.	Debit	Credit	Balance
Mar. 2 20		J1 J1	3,500 2,000		3,500 5,500
(b)					J1
Date	Account Titles and Explana	ation	Re	f. Debit	Credit
Mar. 2	Rent Expense Accounts Payable Cash (Rented films for case on account)		20	1	2,000 1,500
3	No entry.				
9	Cash Service Revenue (Received cash for s performed)			•	4,300
10	Accounts Payable (\$2,000 + Cash(Paid creditors on ac			•	4,100
11	No entry.				
12	Advertising Expense Cash (Paid advertising exp			_	900
20	CashService Revenue (Received cash for s performed)			•	5,000
20	Rent Expense Cash (Paid film rental)			•	2,000

No. 729

PROBLEM 2-5A (Continued)

Date	Account Titles and Explanation	Ref.	Debit	Credit
Mar. 31	Salaries and Wages Expense Cash (Paid salaries expense)	726 101	3,100	3,100
31	Cash	101 112 429	450 450	900
31	Cash Service Revenue (Received cash for services performed)	101 400	9,000	9,000
(d)	STARR THEATER Trial Balance			

March 31, 2017

	Debit	Credit
Cash	\$10,150	
Accounts Receivable	450	
Land	24,000	
Buildings	10,000	
Equipment	10,000	
Accounts Payable	•	\$ 4,900
Owner's Capital		40,000
Service Revenue		18,300
Rent Revenue		900
Advertising Expense	900	
Salaries and Wages Expense	3,100	
Rent Expense	5,500	
•	<u>\$64,100</u>	<u>\$64,100</u>

(a)		GENERAL JOURNAL		J1
	Ac	count Titles and Explanation	Debit	Credit
Nov.	8	No entry required for cashing U.S. Savings Bonds—this is a personal transaction.		
	8	Cash Owner's Capital	500	500
	11	Advertising Expense Cash	65	65
	13	Supplies Cash	125	125
	14	Equipment Owner's Capital	300	300
	16	Cash Notes Payable	2,000	2,000
	17	Equipment Cash	900	900
	20	Cash Service Revenue	125	125
	25	Cash Unearned Service Revenue	30	30
	30	Prepaid Insurance Cash	1,320	1,320

CC2 (Continued)

(b)

	Cash						
Date	Explanation	Ref.	Debits	Credits	Balance		
Na. 0		14	F00		F00		
Nov. 8		J1	500	C.F.	500		
11		J1		65 405	435		
13		J1	2 000	125	310		
16		J1	2,000	000	2,310		
17 20		J1 J1	125	900	1,410 1,525		
20 25		J1	125 30		1,535 1,565		
30		J1	30	1 220	1,565 245		
30		JI		1,320	243		
		Suppli	es				
Date	Explanation	Ref.	Debits	Credits	Balance		
Nov. 13		J1	125		125		
		Dronoid Inc					
Data	F la atian	Prepaid Ins		0	Dalamas		
Date	Explanation	Ref.	Debits	Credits	Balance		
Nov. 20		14	4 220		4 220		
Nov. 30		J1	1,320		1,320		
		Equipm	ent				
Date	Explanation	Ref.	Debits	Credits	Balance		
	-						
Nov. 14		J1	300		300		
17		J1	900		1,200		
					•		
		Unearned Servi					
Date	Explanation	Ref	. Debits	Credits	Balance		
Nov. 25		J1		30	30		

CC2 (Continued)

(b) (Continued)

Notes Payable

Date	Explanation	Ref.	Debits	Credits	Balance
Nov. 16	•	J1		2,000	2,000

Owner's Capital

Date	Explanation	Ref.	Debits	Credits	Balance
Nov. 8		J1		500	500
14		J1		300	800

Service Revenue

Date	Explanation	Ref.	Debits	Credits	Balance
Nov. 20)	J1		125	125

Advertising Expense

Date	Explanation	Ref.	Debits	Credits	Balance
Nov. 1	1	J1	65		65

CC2 (Continued)

(c)

COOKIE CREATIONS Trial Balance November 30, 2016

Cash	<u>Debit</u> \$ 245	Credit
Supplies	ψ 243 125	
Prepaid Insurance	1,320	
Equipment	1,200	
Unearned Service Revenue		\$ 30
Notes Payable		2,000
Owner's Capital		800
Service Revenue		125
Advertising Expense	<u>65</u>	
	<u>\$2,955</u>	\$2,955

<u>Note to instructors</u>: Because the notes payable is not due for 24 months, it follows Unearned Service Revenue in the accounts and the trial balance.

(a)	Account	(1) Increase Side	(1) Decrease Side	(2) Normal Balance
		Credit	Debit	Credit
	Accounts Payable	Credit	Debit	Credit
	Accounts Receivable	Debit	Credit	Debit
	Property, Plant, and Equipment	Debit	Credit	Debit
	Cash and Cash Equivalents	Debit	Credit	Debit
	Research and Development	Debit	Credit	Debit
	Expense			
	Inventories	Debit	Credit	Debit

- (b) 1. Cash is increased.
 - Cash is decreased. 2.
 - Cash is decreased or Accounts Payable is increased.
- Cash is decreased. (c) 1.
 - Cash is decreased or Notes or Mortgage Payable is increased. 2.

BYP 2-2 COMPARATIVE ANALYSIS PROBLEM

		PepsiCo			Coca-Cola		
(a)	1.	Inventory:	debit	1.	Accounts Receivable:	debit	
	2.	Property, Plant & Equipment:	debit	2.	Cash and Cash Equivalents:	debit	
	3.	Accounts Payable:	credit	3.	Cost of Goods Sold(expense):	debit	
		Interest Expense:	debit	4.	Sales (revenue)	credit	

(b)

- 1. Increase in Accounts Receivable: Service Revenue or Sales Revenue is increased (credited).
- 2. Decrease in Salaries and Wages Payable: Cash is decreased (credited).
- 3. Increase in Property, Plant and Equipment: Cash is decreased (credited) and Accounts Payable or Notes payable is increased (credited).
- 4. Increase in Interest Expense: Cash is decreased (credited).

BYP 2-3 COMPARATIVE ANALYSIS PROBLEM

	Amazon			<u>Wal-Mart</u>		
(a)	1.	Interest Expense:	debit	1. Net Product Revenues:	credit	
	2.	Cash and Cash Equivalents:	debit	2. Inventories:	debit	
	3.	Accounts Payable:	credit	3. Cost of Sales:	debit	

- (b) The following other accounts are ordinarily involved:
 - 1. Increase in Accounts Receivable: Service Revenue or Sales Revenue is increased (credited).
 - 2. Increase in Interest Expense: Cash is decreased (credited).
 - 3. Decrease in Salaries and Wages Payable: Cash is decreased (credited).
 - Increase in Service Revenue: Cash or Accounts Receivable is 4. increased (debited).

REAL-WORLD FOCUS

The answer is dependent upon the company selected by the student.

BYP 2-5

REAL-WORLD FOCUS

- (a) The reason the Green Bay Packers' issue an annual report is because they are a publicly owned, nonprofit company. They issue the report to the more than 100,000 shareholders who hold shares. None of the other teams are publicly owned, so they have no obligation to make their financial information available except to their small group of owners.
- (b) At the time that the article was written the owners of the NFL teams and the players' labor union were negotiating a new contract. Knowing how profitable the NFL teams are would be useful information for the players to know so that they would have a better sense of how much the teams could afford to pay. The Packers are obviously a "small market" team, they are not necessarily representative of teams in general. However, the Packers' annual report does give the players some sense of the profitability of other teams.
- (c) Since some of the cost of the stadium that the Packers play in is covered by taxpayers, the county and state government has an interest in the team's finances.
- (d) The Packers' revenues increased during recent years. However, because the cost of players' salaries increased at a faster rate than revenues, the Packers' operating profit actually declined.

BYP 2-6

COMMUNICATION ACTIVITY

May 25, 2017 Date:

To: **Accounting Instructor**

From: Student

In the first transaction, bills totaling \$6,000 were sent to customers for services performed. Therefore, the asset Accounts Receivable is increased \$6,000 and the revenue Service Revenue is increased \$6,000. Debits increase assets and credits increase revenues, so the journal entry is:

Accounts Receivable	6,000	
Service Revenue	·	6,000
(Billed customers for services performed)		·

The \$6,000 amount is then posted to the debit side of the general ledger account Accounts Receivable and to the credit side of the general ledger account Service Revenue.

In the second transaction, \$2,000 was paid in salaries to employees. Therefore, the expense Salaries and Wages Expense is increased \$2,000 and the asset Cash is decreased \$2,000. Debits increase expenses and credits decrease assets, so the journal entry is:

Salaries and Wages Expense	2,000	
Cash		2,000
(Salaries and wages paid)		

The \$2,000 amount is then posted to the debit side of the general ledger account Salaries and Wages Expense and to the credit side of the general ledger account Cash.

- (a) The stakeholders in this situation are:
 - ▶ Ellynn Kole, assistant chief accountant.
 - Users of the company's financial statements.
 - ► The Doman Company.
- (b) By adding \$1,000 to the Equipment account, that account total is intentionally misstated. By not locating the error causing the imbalance, some other account may also be misstated by \$1,000. If the amount of \$1,000 is determined to be immaterial, and the intent is not to commit fraud (cover up an embezzlement or other misappropriation of assets), Ellynn's action might not be considered unethical in the preparation of interim financial statements. However, if Ellynn is violating a company accounting policy by her action, then she is acting unethically.
- (c) Ellynn's alternatives are:
 - 1. Miss the deadline but find the error causing the imbalance.
 - 2. Tell her supervisor of the imbalance and suffer the consequences.
 - 3. Do as she did and locate the error later, making the adjustment in the next quarter.

ETHICS CASE

The decision whether to fire Mr. Edmondson was the responsibility of Radio Shack's board of directors, which is elected by the company's shareholders to oversee management. The board initially announced its support for the CEO. After further investigation, the board encouraged Mr. Edmondson to resign, which he did. In contrast, when Bausch & Lomb's CEO offered to resign in a similar situation, the company's board refused to accept his resignation. Board members stated that they felt he was still the best person for the position.

Radio Shack says that although it did a reference check at the time of Mr. Edmondson's hiring, it did not check his educational credentials. Under the Sarbanes-Oxley Act, companies must now perform thorough background checks as part of a check of internal controls. The bottom line: Your résumé must be a fair and accurate depiction of your past.

- Students' responses to this question will vary. It is important that the steps that they identify be as specific as possible, and clearly directed toward achieving their goal. You may wish to ask a follow-up question asking them to explain how each step will assist them in achieving their goal.
- There are many sites on the Internet that provide information about (b) preparing a résumé. For example, you can find extensive resources at: http://www.rileyguide.com/resprep.html. Many schools also have resources in their placement centers or writing labs. The Writing Center Rensselaer Polytechnic Institute provides useful. information on its website at http://www.ccp.rpi.edu/resources/careersand-graduate-school/resumes. A wide variety of sample résumés can be found. For example, Monster.com provides samples for a wide professions and situations http://www.careerat advice.monster.com/resumes-cover-letters/careers.aspx.
- It is important to provide accurate and complete documentation of all (c) relevant training, education, and employment experiences so as to provide assurance to the potential employer, and also to enable that employer to do follow-up work. If you say you have certain skills, such as computer skills, try to substantiate the claim with recognized proof of proficiency. Make sure that all addresses and phone numbers are accurate and up-to-date. Also, ensure that the people you use as references have a copy of your résumé and cover letter, and that they are informed that you are interviewing so they know to expect a call.
- See the sample résumés provided in the websites above for various format options. You might also mention to students that there are electronic résumé templates available on the Internet.

CONSIDERING PEOPLE, PLANET AND PROFIT BYP 2-10

- The existence of three different forms of certification would most (a) likely create confusion for coffee purchasers. It would be difficult to know what aspects of the coffee growing process each certification covered. Similarly, if there were multiple groups that certified financial statements, each with different criteria, it would be difficult for financial statement users to know what each certification promised.
- The Starbucks certification appears to be the most common in that (b) area. It has the advantage of having a direct link to the Starbucks coffee market. Although it does not guarantee that Starbucks will buy its coffee, it is a requirement that must be met before Starbucks will buy somebody's coffee. Note that the article states that the Starbucks certification "incorporates elements of social responsibility and environmental leadership, but quality of coffee is the first criteria." The Smithsonian Bird Friendly is considered to have the strictest requirements and, as a result, appears to be the least common.
- The certifications have multiple objectives including organic farming (c) as a means to protect bird species, biodiversity and wildlife habitat. Some included requirements are to improve workers' living conditions, such as providing running water in worker housing, child labor regulations and education requirements. As mentioned above, the Starbucks certification has the potential financial benefit of making Starbucks a potential customer, which can stabilize farmers' earnings. Certifications can also be financially beneficial because companies can benefit from the positive public relations effects of either producing or buying coffee produced using sustainable practices.

IFRS 2-1 INTERNATIONAL FINANCIAL REPORTING PROBLEM

Account	Financial Statement	Position in Financial Statement
Other operating income and expense	Consolidated Income Statement	After gross profit and before operating profit
Cash and cash equivalents	Consolidated Balance Sheet	Current assets
Trade accounts payable	Consolidated Balance Sheet	Current liabilities
Cost of net financial debt	Consolidated Income Statement	After operating profit and before profit from continuing operations before taxes.