Effect of income & expenses on accounting equation:

Income and Expense always affect balance sheet items. And the Balance Sheet items are: **Assets, Liabilities & Equity.**

This Balance Sheet items make up the accounting equation:

Assets= Liabilities+ Equity

- Income increases Equity & Assets = Assets ↑, Equity ↑.
- Expense increase Liabilities or decrease Equity and decreases Assets=
 Liabilities ↑, Equity ↓, Assets ↓.

Business Transactions	Assets	=	Liabilities	Equity
			+	
 Bangar Boi Bookshop 	(+) Cash			(+)Capital
started its business. The				
owner invested Tk 15,000		15,000		15,000
to start the business.				
Effects: Capital increases				
Cash increases				
2. Banglar Boi purchased	(+) Invent	ory	(+) Accounts	
books from Indian		4 600	payable	
Publishers in credit for Tk		1,600	1,600	
1,600.				
Effects: Liability increases	Total	Assets =		Total(L+E) =
Book Inventory increases		16,600		16,600
		•		

3. Provides bookbinding service to customer Tk 1,200 in credit.	(+) Account Receivable		(+) Service Revenue
,	1,200		1,200
Effects: Revenue increases			
Accounts Receivable			
increases	T/A = 17,800		T(L+E) = 17800
4. Banglar Boi buys computer for Tk 7,000 in	(+) Computer		
cash.	7,000		
	(-) Cash		
Effects: Computer comes in			
Cash decreases	7,000		
	T/A = 17,800		T(L+E) = 17800
C Danglar Dai nave rent for	/ \ Coch		/ \ Dont Evnance
5. Banglar Boi pays rent for November Tk 1,200.	(-) Cash		(-) Rent Expense
11010111001 11 1,200.	1,200		1,200
Effects: Expense increases	,		,
Cash decreases			
	T/A = 16,600		T(L+E) = 16,600
6. Banglar Boi Pays Indian	(-) Cash	(-) Accounts	
Publishers their payment	1 600	Payable	
that was Tk 1,600 (Transaction 2)	1,600	1,600	
(Transaction 2)			
Effects: Cash decreases	T/A= 15,000		T(L+E)= 15,000
Accounts payable decreases			

7. The owner of Banglar Boi has withdrawn tk. 1,000 from the shop's cashbox.	(-)Cash 1,000		(-) Drawings 1,000
Effects: Cash decreases Equity decreases	T/A= 14,000		T(L+E)=14,000
8. Banglar Boi announced in their facebook page to give 100 tk discount on February sales.	Nil	Nil	Nil
Effects: No effect (It is not a transaction as it does not change the elements of the financial position.)			
Business Transactions	Assets =	Liabilities +	Equity

2. Softbyte Inc. purchases computer equipment for \$7,000 cash. Effects: Equipment increases Cash decreases	(+) Computer 7,000 (-) Cash 7,000		
3. Softbyte Inc. purchases for \$1,600 headsets and other accessories expected to last several months. The supplier allows Softbyte to pay this bill in October. Effects: Accounts payable increases Supplies increases	(+)Supplies 1,600	(+) Accounts Payable 1,600	
4. Softbyte Inc. receives \$1,200 cash from customers for app development services it has performed. Effects: Cash increases Revenue increases	(+)Cash 1,200		(+)Revenue 1,200

5. Softbyte Inc. receives a bill for \$250 from the Daily News for advertising on its online website but postpones payment until a later date.		(+)Accounts Payable 250	(-) Advertising Expense 250
Effects: Accounts Payable increases Advertising Expense increases			
6. Softbyte performs \$3,500 of services. The company receives cash of \$1,500 from customers, and it bills the balance of \$2,000 on account. Effects: Cash increases Accounts Receivable increases Revenue increases	1,500 (+) Accounts		(+) Revenue 3,500
7. Softbyte Inc. pays the following expenses in cash for September: office rent \$600, salaries and wages of employees \$900, and utilities \$200. Effects: Cash decreases Expenses increases	(-) Cash 1,700		(-) Rent Expense 600 (-) Salaries & wages Expense 900 (-) Utilities Expense 200

8. Softbyte Inc. pays its \$250 Daily News bill in cash. The company previously (in Transaction 5) recorded the bill as an increase in Accounts Payable. Effects: Cash decreases Accounts Payable	(-) Cash 250	(-) Accounts Payable 250	
decreases			
9. Softbyte Inc. receives \$600 in cash from customers who had been billed for services (in Transaction 6). Effects: Cash increases Accounts Receivable	600 (-) Accounts		
decreases			
10.Ray Neal withdraws \$1,300 in cash from the business for his personal use.	(-) Cash 1,300		(-) Drawings 1,300
Effects: Cash decreases Equity decreases (for withdrawals)			
Total	\$18,050	\$1	.8,050

Transaction Type	<u>Assets</u>	<u>Liabilities + Equity</u>
Buy fixed assets on credit	Fixed assets increase	Accounts payable (liability) increases
Buy inventory on credit	Inventory increases	Accounts payable (liability) increases
Pay dividends	Cash decreases	Retained earnings (equity) decreases
Pay rent	Cash decreases	Equity decreases (expense increases)
Pay supplier invoices	Cash decreases	Accounts payable (liability) decreases
Sell goods on credit	Accounts receivable increases	Income (equity) increases
Sell services on a credit	Accounts receivable increases	Income (equity) increases
Sell stock	Cash increases	Equity Increases

Format of tabular Analysis

Illustra	ition 1-8	Assets		= Liabilities +	Owner's	Equity
Trans- action	Cash +	Accounts + Supp	lies + Equipment	= Accounts +	Owner's + Owner's Capital + Drawings	
1.	+15,000				+15,000	
2.	-7,000		+7,000			
3.		+1,6	600	+1,600		
4.	+1,200					+1,200
5.				+250		-250
6.	+1,500	+2,000				+3,500
7.	-1,700					-600
						-900
						-200
8.	-250			-250		
9.	+600	-600				
10.	-1,300				-1,300	
						
I-39		\$18,050			\$18,050	A. L.O .