# Accounting Information and its Application

- Accounting Principles

2022. 5.

Yangin Yoon

# Agenda

- Recap the previous class
- Financial Ratio
- Stock Price and Netincome
- Auditor's Report

# Recap the previous class (Equity)

- Equities are increased with following events:
  - 1) Establishing a company

2021.1.2. (example)

Cash \$10,000 C	Capital Stock \$10,000
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2) Making a positive profit (net-income)

2021.12.31. (example)

Revenue	\$10,000	Cost of Goods	\$6,800
Interest Income	\$200	Salary Expense	\$2,000
		Retained Earning	\$1,400

# Recap the previous class (Equity)

- Equities are decreased with following events:
  - 1) Providing dividends

2022.2.20. (example)

Retained Earning	\$500	Cash	\$500
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2) Reporting a loss (net-income)

2021.12.31. (example)

	Revenue Interest Income Retained Earning	\$10,000 \$200 \$1,600	Cost of Goods Salary Expense	\$9,800 \$2,000
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# Recap the previous class (Equity)

- At the end of 2021, the total equities were \$12,000. The total number of shares was 10,000.
- John thought that the future of this company would be very bright. He was eager to be the shareholder of this company.
  - The company offered to invest \$1,500 for 1,000 shares. John agreed with it.
- The company issued additional 1,000 shares and received \$1,500 from John on 2022.1.3.

2022.1.3.

Cash	\$1,500	Capital Stock	\$1,000
		Capital in excess of par value of stock	\$500

<sup>\* &</sup>quot;Capital in excess of par value of stock" is an equity type account.

<sup>&</sup>quot;Paid-in capital in excess of par" means the same account.

# Recap the previous class

(Cash Flow- Direct method)

ST Gas				
Statement of Cash Flow				
Period from January 2021 to	December 2021			
Operating Activities				
Gas sales	9,000			
Gas purchase	(6,000)			
Interest expense	(300)			
Salary expense	(2,050)			
Elecricity Expense	(400)			
Net cash change		250		
Investing Activities				
Machine purchase	(5,000)			
Disposal machine	1,000			
Net cash change		(4,000)		
Financing activities				
Borrowing from banks	10,000			
Cash Dividends	(600)			
Net cash change		9,400		
Net cash change		5,650		
Cash beginning of the year		10,000		
Cash end of the year		15,650		

# Recap the previous class (Cash Flow-indirect method)

ST Gas	
Income Stateme	ent
Revenue	14,000
Cost of goods	(8,000)
Salary Expense	(2,050)
Electricity Expense	(500)
Interest Expense	(300)
Gain on PPE disposal	200
Net-Income	3,350

ST Gas			
Statement of Cash Flow			
Period from January 2021 to Decembe	r 2021		
Operating Activities			
Net Income	3,350		
Account Receivables increase (assets increase)	(5,000)		
Inventory decrease (assets decrease)	2,000		
Elecricity payable (liability increase)	100		
Gains of investing activities	(200)		
Net cash change		250	
Investing Activities			
Machine purchase	(5,000)		
Disposal machine	1,000		
Net cash change		(4,000)	
Financing activities			
Borrowing from banks	10,000		
Cash Dividends	(600)		
Net cash change		9,400	
Net cash change		5,650	
Cash beginning of the year		10,000	
Cash end of the year		15,650	

# Recap the previous class (Two Types of Statement of Cash Flow)

- Direct Method and Indirect Method
- Direct Method
  - List all the activities and their cash flow changes.
- Indirect Method
  - Start from the net-income
  - Modifying gain and loss of investing and financial activities
  - Modifying operating assets changes
  - Modifying operating liabilities changes

# Any Questions?

### Financial Ratio

- Financial ratios are calculated by using two or more than two accounts.
- We can use financial ratios when we evaluate companies or compare companies each other.
- The followings are the example of financial ratios:
  - 1) Profit Margin Ratio
  - 2) Return on Assets
  - 3) Debt Ratio
  - 4) And many more

## Financial Ratio - Profitability

• Which company is a better one?

Company AAA Income Statement		Company ABC Income Statement		Company XYZ Income Statement	
Sales Revenue	50,000	Sales Revenue 50,000		Sales Revenue	
Cost of Goods	38,000	Cost of Goods	35,000	Cost of Goods	45,000
GROSS PROFIT	12,000	GROSS PROFIT	15,000	GROSS PROFIT	5,000
Expenses	8,000	Expenses	7,000	Expenses	7,000
NET OPERATING INCOME	4,000	NET OPERATING INCOME	8,000	NET OPERATING INCOME	(2,000)
Other income (disposal lands, etc.)	500	Other income (disposal lands, etc.)	1,000	Other income (disposal lands, etc.)	11,000
Tax	900	Tax	1,800	Tax	1,800
NET INCOME	3,600	NET INCOME	7,200	NET INCOME	7,200

✓ Profit Margin = 
$$\frac{Net\ Income}{Sales}$$

✓ Gross Margin (Ratio) = 
$$\frac{Gross Profit}{Sales}$$

### Financial Ratio – Assets turn over

#### • Which company is a better one?

Company ABC				
Statement of Financial Position				
Dec 31st, 2021				

Cash	2,000	Bank loan from KB	100,000	
Inventory A	30,000	Bank loan from Shinhan	50,000	
Accounts Receivable	50,000	Total liability	150,000	
Land	100,000	Capital Stock	100,000	
Building	70,000	Retained Earning	2,000	
		Total equity	102,000	
Total assets	252,000	Total Liability and Equity	252,000	

#### **Company ABC**

Income Statement

For the year ended Dec 31st, 2021

	•
Sales Revenue	50,000
Cost of Goods	35,000
GROSS PROFIT	15,000
Interest Expense	7,500
Salary Expense	5,000
Advertising Expense	1,000
Tax	300
NET INCOME	1,200

#### **Company XYZ**

Statement of Financial Position

Dec 31st, 2021

Cash	2,000	Bank loan from KB	60,000
Inventory A	15,000	Bank loan from Shinhan	50,000
Accounts Receivable	25,000	Total liability	110,000
Land	100,000	Capital Stock	100,000
Building	70,000	Retained Earning	2,000
		Total equity	102,000
Total assets	212,000	Total Liability and Equity	212,000

#### Company XYZ

Income Statement

For the year ended Dec 31st, 2021

Sales Revenue	50,000
Cost of Goods	35,000
GROSS PROFIT	15,000
Interest Expense	5,500
Salary Expense	5,000
Advertising Expense	1,000
Tax	700
NET INCOME	2,800

#### **Company ABC**

2,000

30,000

50,000

100,000

70,000

252,000

Cash

Land

Building

Total assets

Inventory A

Accounts Receivable

#### Statement of Financial Position

#### Dec 31st, 2021

Bank loan from KB

Total liability

**Retained Earning** 

Total equity

Capital Stock

Bank loan from Shinhan

Total Liability and Equity

100,000

50,000

150,000

100,000

102,000

252,000

2,000

	Statement o	f Financial Position	
	Dec	31st, 2021	
Cash	2,000	Bank loan from KB	60,000
Inventory A	15,000	Bank loan from Shinhan	50,000
Accounts Receivable	25,000	Total liability	110,000
Land	100,000	Capital Stock	100,000
Building	70,000	Retained Earning	2,000
		Total equity	102,000
Total assets	212,000	Total Liability and Equity	212,000

#### Company ABC

#### Income Statement

#### For the year ended Dec 31st, 2021

,	
Sales Revenue	50,000
Cost of Goods	35,000
GROSS PROFIT	15,000
Interest Expense	7,500
Salary Expense	5,000
Advertising Expense	1,000
Tax	300
NET INCOME	1,200

#### **Company ABCD**

#### Statement of Financial Position

#### Dec 31st, 2021

Cash	42,000	Bank Ioan from KB	100,000
Inventory A	15,000	Bank loan from Shinhan	50,000
Accounts Receivable	25,000	Total liability	150,000
Land	100,000	Capital Stock	100,000
Building	70,000	Retained Earning	2,000
		Total equity	102,000
Total assets	252,000	Total Liability and Equity	252,000

#### **Company ABC**

#### Income Statement

#### For the year ended Dec 31st, 2021

Sales Revenue	50,000
Cost of Goods	35,000
GROSS PROFIT	15,000
Interest Expense	7,500
Salary Expense	5,000
Advertising Expense	1,000
Tax	300
NET INCOME	1,200

#### Company XYZ

	000	0150, 2021	
Cash	2,000	Bank loan from KB	60,000
Inventory A	15,000	Bank loan from Shinhan	50,000
Accounts Receivable	25,000	Total liability	110,000
Land	100,000	Capital Stock	100,000
Building	70,000	Retained Earning	2,000
		Total equity	102,000
Total assets	212,000	Total Liability and Equity	212,000
		·	

#### Company XYZ

#### Income Statement

#### For the year ended Dec 21st 2021

For the year ended Dec 31st	, 2021
Sales Revenue	50,000
Cost of Goods	35,000
GROSS PROFIT	15,000
Interest Expense	5,500
Salary Expense	5,000
Advertising Expense	1,000
Tax	700
NET INCOME	2,800

	Statement o	pany ABC If Financial Position : 31st, 2021		Company ABG Income Statem For the year ended Dec	ent
Cash	2,000	Bank loan from KB	100,000	Sales Revenue	50,000
Inventory A	30,000	Bank loan from Shinhan	50,000	Cost of Goods	35,000
Accounts Receivable	50,000	Total liability	150,000	GROSS PROFIT	15,000
Land	100,000	Capital Stock	100,000	Interest Expense	7,500
Building	70,000	Retained Earning	2,000	Salary Expense	5,000
		Total equity	102,000	Advertising Expense	1,000
				Tax	300
Total assets	252,000	Total Liability and Equity	252,000	NET INCOME	1,200

	Statement o	pany XYZ of Financial Position c 31st, 2021		Company XY2 Income Statemo For the year ended Dec	ent
Cash	2,000	Bank loan from KB	60,000	Sales Revenue	50,000
Inventory A	15,000	Bank loan from Shinhan	50,000	Cost of Goods	35,000
Accounts Receivable	25,000	Total liability	110,000	GROSS PROFIT	15,000
Land	100,000	Capital Stock	100,000	Interest Expense	5,500
Building	70,000	Retained Earning	2,000	Salary Expense	5,000
		Total equity	102,000	Advertising Expense	1,000
				Tax	700
Total assets	212,000	Total Liability and Equity	212,000	NET INCOME	2,800

	Statement o	pany AAA f Financial Position : 31st, 2021		Company AAA Income Stateme Company XYZ	ent
Cash	2,000	Bank loan from KB	100,000	Sales Revenue	50,000
Inventory A	15,000	Bank loan from Shinhan	50,000	Cost of Goods	35,000
Accounts Receivable	25,000	Total liability	150,000	GROSS PROFIT	15,000
Land	100,000	Capital Stock	100,000	Interest Expense	7,500
Building	70,000	Retained Earning	2,000	Salary Expense	5,000
Financial Assets (Bond)	40,000	Total equity	102,000	Advertising Expense	1,000
				Interest Income	4,000
Total assets	252,000	Total Liability and Equity	252,000	Tax	1,100
_		_		NET INCOME	4,400

### Financial Ratio - turnover

• Which company is a better one?

	Com	npany ABC		Company ABC	3
	Statement	of Financial Position		Income Stateme	ent
	De	c 31st, 2021		For the year ended Dec	31st, 2021
Cash	2,000	Bank loan from KB	100,000	Sales Revenue	50,000
Inventory A	30,000	Bank loan from Shinhan	50,000	Cost of Goods	35,000
Accounts Receivable	50,000	Total liability	150,000	GROSS PROFIT	15,000
Land	100,000	Capital Stock	100,000	Interest Expense	7,500
Building	70,000	Retained Earning	2,000	Salary Expense	5,000
		Total equity	102,000	Advertising Expense	1,000
				Tax	300
Total assets	252,000	Total Liability and Equity	252,000	NET INCOME	,
Total assets	·	Total Liability and Equity  npany XYZ	252,000	NET INCOME  Company XYZ	,
Total assets	Con	, ,	252,000		!
Total assets	Con Statement	npany XYZ	252,000	Company XYZ	r ent
	Con Statement	npany XYZ of Financial Position	252,000	Company XYZ Income Stateme	: ent 31st, 2021
Cash	Com Statement o	npany XYZ of Financial Position c 31st, 2021	· · · · · · · · · · · · · · · · · · ·	Company XYZ Income Stateme For the year ended Dec	? ent 31st, 2021 50,000
Cash Inventory A	Com Statement of De 2,000	npany XYZ of Financial Position c 31st, 2021 Bank loan from KB	60,000	Company XYZ Income Stateme For the year ended Dec	ent 31st, 2021 50,000 35,000
Cash Inventory A Accounts Receivable	Statement of De 2,000 15,000	npany XYZ of Financial Position c 31st, 2021 Bank loan from KB Bank loan from Shinhan	60,000 50,000	Company XYZ Income Stateme For the year ended Dec Sales Revenue Cost of Goods	ent 31st, 2021 50,000 35,000 15,000
Cash Inventory A Accounts Receivable Land	Com Statement of De 2,000 15,000 25,000	npany XYZ of Financial Position c 31st, 2021 Bank loan from KB Bank loan from Shinhan Total liability	60,000 50,000 110,000	Company XYZ Income Stateme For the year ended Dec Sales Revenue Cost of Goods GROSS PROFIT	2. ent 31st, 2021 50,000 35,000 15,000 5,500
Cash Inventory A Accounts Receivable Land	2,000 15,000 25,000 100,000	npany XYZ of Financial Position c 31st, 2021  Bank loan from KB Bank loan from Shinhan Total liability Capital Stock	60,000 50,000 110,000 100,000	Company XYZ Income Stateme For the year ended Dec Sales Revenue Cost of Goods GROSS PROFIT Interest Expense	50,000 35,000 15,000 5,500 5,000
Cash Inventory A Accounts Receivable Land Building	2,000 15,000 25,000 100,000	npany XYZ of Financial Position c 31st, 2021  Bank loan from KB Bank loan from Shinhan Total liability Capital Stock Retained Earning	60,000 50,000 110,000 100,000 2,000	Company XYZ Income Stateme For the year ended Dec Sales Revenue Cost of Goods GROSS PROFIT Interest Expense Salary Expense	ent

- ✓ Accounts Receivable Turnover =  $\frac{Sales}{(Average) \ Accounts \ Receivable}$
- ✓ Inventory Turnover =  $\frac{Cost\ of\ Goods}{(Average)\ Inventory}$

### Financial Ratio – interest expense

• Which company is a better one?

Company ABC Statement of Financial Position Dec 31st, 2021			Company ABC Income Statement		
			For the year ended Dec 31st, 2021		
Cash	2,000	Bank Ioan from KB	100,000	Sales Revenue	50,000
Inventory A	30,000	Bank loan from Shinhan	50,000	Cost of Goods	34,000
Accounts Receivable	50,000	Total liability	150,000	GROSS PROFIT	16,000
Land	100,000	Capital Stock	100,000	Salary Expense	7,400
Building	70,000	Retained Earning	2,000	Advertising Expense	1,000
		Total equity	102,000	OPERATING INCOME	7,600
				Interest Expense	7,500
				Tax	20
Total assets	252,000	Total Liability and Equity	252,000	NET INCOME	80

Company XYZ				Company XYZ		
Statement of Financial Position Dec 31st, 2021			Income Statement			
			For the year ended Dec 31st, 2021			
Cash	2,000	Bank loan from KB	100,000	Sales Revenue	50,000	
Inventory A	30,000	Bank loan from Shinhan	50,000	Cost of Goods	30,000	
Accounts Receivable	50,000	Total liability	150,000	GROSS PROFIT	20,000	
Land	100,000	Capital Stock	100,000	Salary Expense	7,000	
Building	70,000	Retained Earning	2,000	Advertising Expense	500	
		Total equity	102,000	OPERATING INCOME	12,500	
				Interest Expense	7,500	
				Tax	1,000	
Total assets	252,000	Total Liability and Equity	252,000	NET INCOME	4,000	

✓ Times interest Earned Ratio =  $\frac{Income\ before\ interest\ expense\ and\ taxes}{Intrest\ Expense}$ 

## Financial Ratio – interest expense

#### • Which company is a better one?

Company ABC
Statement of Financial Position
Dec 31st, 2021

Cash	2,000	Bank Ioan from KB	10,000
Inventory A	30,000	Bank loan from Shinhan	5,000
Accounts Receivable	50,000	Total liability	15,000
Land	100,000	Capital Stock	200,000
Building	70,000	Retained Earning	37,000
		Total equity	237,000
Total assets	252,000	Total Liability and Equity	252,000

Sales Revenue	50,000
Cost of Goods	34,000
GROSS PROFIT	16,000
Salary Expense	14,250
Advertising Expense	500
OPERATING INCOME	1,250
Interest Expense	750
Tax	100
NET INCOME	400

Company ABC Income Statement

For the year ended Dec 31st, 2021

#### Company XYZ

	Statement o	f Financial Position				
Dec 31st, 2021						
Cash	2,000	Bank loan from KB	100,000			
Inventory A	30,000	Bank loan from Shinhan	50,000			
Accounts Receivable	50,000	Total liability	150,000			
Land	100,000	Capital Stock	100,000			
Building	70,000	Retained Earning	2,000			
		Total equity	102,000			
Total assets	252,000	Total Liability and Equity	252,000			

#### Company XYZ Income Statement

For the year ended Dec 31st,	, 2021
Sales Revenue	50,000
Cost of Goods	30,000
GROSS PROFIT	20,000
Salary Expense	7,000
Advertising Expense	500
OPERATING INCOME	12,500
Interest Expense	7,500
Tax	1,000
NET INCOME	4,000

- Times interest Earned Ratio
- **Profit Margin Ratio**

### Financial Ratio - Debt ratio

• Which company is a better one?

	Com	npany ABC		Company ABO	C
	Statement	of Financial Position		Income Statement For the year ended Dec 31st, 2021	
	De	c 31st, 2021			
Cash	2,000	Bank loan from KB	100,000	Sales Revenue	50,000
Inventory A	30,000	Bank loan from Shinhan	50,000	Cost of Goods	35,000
Accounts Receivable	50,000	Total liability	150,000	GROSS PROFIT	15,000
Land	100,000	Capital Stock	100,000	Interest Expense	7,500
Building	70,000	Retained Earning	2,000	Salary Expense	5,000
		Total equity	102,000	Advertising Expense	1,000
				Tax	300
Total assets	252,000	Total Liability and Equity	252,000	NET INCOME	
Total assets		Total Liability and Equity  npany XYZ	252,000	Company XYZ	
Total assets	Con	, ,	252,000		2
Total assets	Con Statement	npany XYZ	252,000	Company XYZ	<u>z</u> ent
	Con Statement	npany XYZ of Financial Position	252,000	Company XYZ Income Stateme	Z ent : 31st, 2021
Cash	Con Statement	npany XYZ of Financial Position c 31st, 2021	· · · · · · · · · · · · · · · · · · ·	Company XY2 Income Stateme For the year ended Dec	Z ent : 31st, 2021 50,000
Cash Inventory A	Con Statement De 2,000	npany XYZ of Financial Position c 31st, 2021 Bank loan from KB	60,000	Company XYZ Income Stateme For the year ended Dec Sales Revenue	Z ent 31st, 2021 50,000 35,000
Cash Inventory A Accounts Receivable	Con Statement De 2,000 15,000	npany XYZ of Financial Position c 31st, 2021 Bank loan from KB Bank loan from Shinhan	60,000 50,000	Company XYZ Income Stateme For the year ended Dec Sales Revenue Cost of Goods	Z ent 31st, 2021 50,000 35,000 15,000
Cash Inventory A Accounts Receivable Land	Con Statement De 2,000 15,000 25,000	npany XYZ  of Financial Position c 31st, 2021  Bank loan from KB  Bank loan from Shinhan  Total liability	60,000 50,000 110,000	Company XYZ Income Stateme For the year ended Dec Sales Revenue Cost of Goods GROSS PROFIT	Z ent 31st, 2021 50,000 35,000 15,000 5,500
Cash Inventory A Accounts Receivable Land	2,000 15,000 25,000 100,000	npany XYZ of Financial Position c 31st, 2021  Bank loan from KB Bank loan from Shinhan Total liability Capital Stock	60,000 50,000 110,000 100,000	Company XYZ Income Stateme For the year ended Dec Sales Revenue Cost of Goods GROSS PROFIT Interest Expense	Z ent 31st, 2021 50,000 35,000 15,000 5,500
Cash Inventory A Accounts Receivable Land Building	2,000 15,000 25,000 100,000	npany XYZ of Financial Position c 31st, 2021  Bank loan from KB Bank loan from Shinhan Total liability Capital Stock Retained Earning	60,000 50,000 110,000 100,000 2,000	Company XYZ Income Stateme For the year ended Dec Sales Revenue Cost of Goods GROSS PROFIT Interest Expense Salary Expense	ent

✓ Debt ratio = 
$$\frac{Total\ Liabilities}{Total\ Assets}$$

✓ Debt-to-Equity ratio = 
$$\frac{Total\ Liabilities}{Total\ Equity}$$

### Other ratios

#### Financial Ratios

Ratio	Formula	Evaluation of
Liquidity and Efficiency		
1. Current ratio	Current liabilities	Short-term debt-paying ability.
2. Acid-test (quick) ratio	Cash + Short-term investments + Receivables (net) Current liabilities	Immediate short-term liquidity.
Accounts receivable turnover	Net sales Average accounts receivable	Efficiency of accounts receivable.
4. Inventory turnover	Cost of goods sold Average inventory	Efficiency of inventory.
Fixed asset (PP&E) turnover  Solvency	Net sales Average fixed assets (PP&E)	Efficiency of fixed assets.
1. Debt ratio	Total liabilities Total assets	Creditor financing and leverage.
2. Debt-to-equity ratio	Total liabilities Total equity	Debt versus equity financing.
3. Times interest earned ratio	Income before interests and taxes (operating profit)  Annual interest expenses	Ability to meet interest payments when they are due.

### Other ratios

#### Financial Ratios

Profitability		
Profit margin (Return on sales)	Net income Net sales	Net income in each sales dollar.
2. Return on assets	Net income Average total assets	Overall profitability of assets.
3. Asset turnover	Net sales Average total assets	Efficiency of assets in producing sales.
4. Return on equity	Net income — Preference dividends  Average total equity	Profitability of owner investment.
5. Earnings per share	Net income — Preference dividends Weighted-average common shares outstanding	Net income per each ordinary share.
Price-earnings (PE) ratio	$\frac{\text{Market value of shares}}{\text{Net income}} = \frac{\text{Price per share}}{\text{Earnings per share}}$	Market value relative to earnings.
Cash flow		
Cash flow-to-net income ratio	Cash flow from operations  Net income	Relationships of cash flow from operations and net income.
Cash flow adequacy ratio	Cash flow from operations  Cash paid for capital expenditures	Capability of covering capital expenditures.

# Any Questions?

- Let's assume that Company XYZ
  has no retained earning
  (providing all the annual netincome to its shareholders by
  dividends).
  - The stock price will be the net present value of the future cash flow (The current year's dividend was already provided.)
  - The number of stocks is 1000 and the interest rate is 5%.

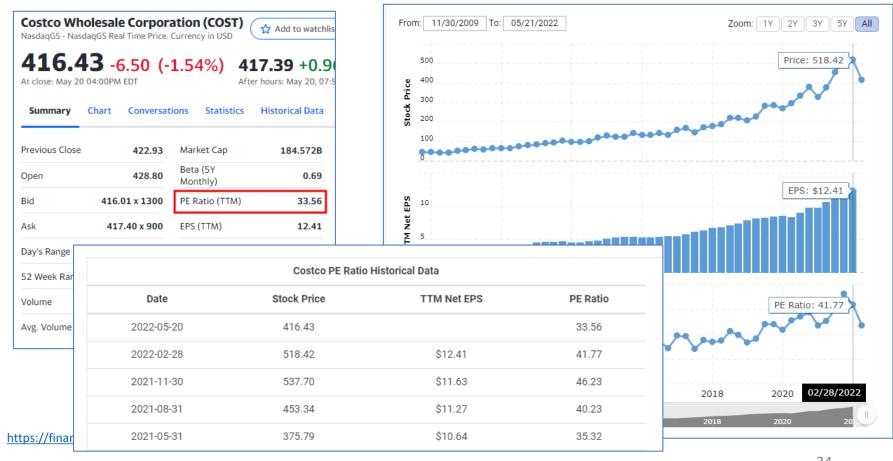
Company XYZ	2
Sales Revenue	50,000
Cost of Goods	30,000
GROSS PROFIT	20,000
Salary Expense	5,500
Advertising Expense	1,000
OPERATING INCOME	13,500
Interest Expense	1,000
Tax	2,500
NET INCOME	10,000

Company XYZ

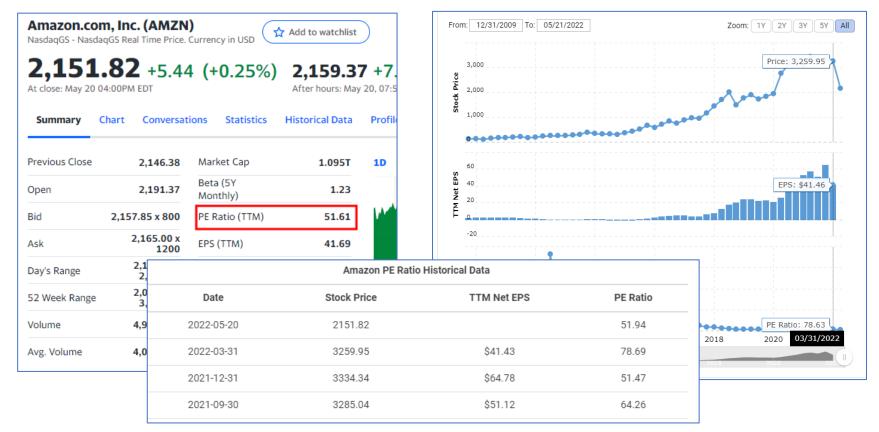
→ Drice of one stock —	. 10	10	10	
→ Price of one stock =	$\frac{1}{(1+0.05)^1}$	$\frac{1}{(1+0.05)^2}$	$(1+0.05)^3$	Г
=	$=\frac{10}{(0.05)}=2$	2,000		

- There are many assumptions in estimating the stock price:
  - e.g.) expectation of future net-income, appropriate interest rate, etc.
- We may use a ratio, "Earnings per share (EPS)."
  - However, the value depends on the number of total stocks in a company.
  - It is difficult to compare multiple companies by using EPS.
- We can compare companies if we can control the effect of the number of stocks.
  - The cash flow of one stock vs. The market price of one stock
  - Price / Earnings Ratio (PER) =  $\frac{EPS (Earnings \ per \ share, Net income \ of \ one \ stock)}{Price \ of \ one \ stock}$

• Example - Costco



• Example - Amazon



https://finance.yahoo.com/quote/AMZN?p=AMZN&.tsrc=fin-srch

# Any Questions?

## Auditor's report

- Four Types of Audit Opinion
  - Unqualified Opinion (clean opinion)
  - Qualified opinion
    - : Due to "material misstatements" or "unable to obtain audit evidence"
    - : The (potential) misstatements are material but not pervasive.
  - Disclaimer of opinion
    - : Due to "unable to obtain audit evidence"
      - The (potential) misstatements are material and pervasive.
  - Adverse opinion
    - : Due to "material misstatements"
      - The misstatements are material and pervasive.

# Accounting Information and Decision Making

- Accounting Information can be used for decision making.
- Evaluating our expense structure
  - : Cost of goods, salary expense, advertisement, other expenses.
  - : Comparing with other companies
  - : Trend analysis (comparing with itself or other companies)
  - : Which business processes are needs to be improved (new IT Project)?
- Business cycle evaluation and improvement
  - : Level of inventory, Level of accounts receivables, amount of PPEs
- Deciding dividend policy
  - : Dividend or not dividend
- Do we have enough cash?

## Summary

- Financial Ratio
  - Profitability
  - Debt Ratio
  - Stock Price related Ratio
- Auditor's Report
- Evaluating companies
- Developing future strategy

# Thank you!