1982 Savinge Account. passbook salvings account in old times you'd take the passbook to a teller deposit/withdraw & they'd write the new balance on passbook but interest rates have q very low now team of a conteact - compulsor time period you need to keep your money in it, presently, a the short term, interest! rates are virtually reso.

Federal Funde & Interest Rates Federal funds rate - interest sate for one day. Has been vietually zero since the 208 ceisis (shot up ~2021) European Over Night Index Avg (EONTA) - interest sati has been negative! Banks are lending to other pourke @ negotive interest Rate since the cost of security cash is high. Interest rate is largely dep. on the rate of growth of the Compound Interest if compounded n times per year, balance is (1+r/n) after tyears continuous compounding:

balance is ere

21 June, 123 Discount Bonds typical bonds-buy jor a certain fixed amt, coupone are clipped sa once in 6 months. discount bonds - no coupon paymen sold at a discount, at matherty you get the principal. present value of the bond. (1+x)T present discounted value (pdr.) pdv of \$1 in n years = 1/(1+1)n 8= yield to Maturity setuen rate of the bond Consol & Annuity geowing consid = x
Pav Y-9 payeconst quantity X consol bonds have market risk yield to maturity is dep. on the price of the bond which

constantly changes in the mkl

expected sate (yield) on a bond several months/years from now when there's deflation (money Annuity - paye & from time & value incleases, entities Annuty par = ge 1 - V(1+x) become more leverages people who give out loans Forward Rates: shorting discourt are negatively impacted bonds equivalent to an intere while people who have loaned sate in the future. out money enjoy money that's worth more Interest Rates & Inflation: real interest rate => inflation => the solution to this is Rate correction done while inflation indexed debt. calculating interest rate. Grving Fisher's Debt Deflation Indexed bonds -> bonds that Theory. pay in terms of real money Deflation redistributed real coupons are tied to the wealth from debloss to inflation rate people who give creditors beceive Loans Leverage: if a company/ind Module #9 boreows money to buy assets Market Capitalization: they se "leveraging" Price per share x no. of shares Even in the US, real estate Thira de a highly leveraged ie bigger than holdings of country (160% of GDP "18 equilibe. companies borrowing).

What happens to the share The Corporation - an organization that is legally authorized to price when a company pays act as an individuals Lividend? share price & since the Modern Company company has given out mon -governed by a board of directors deeded by the x dividend date: company will pay dividend to share h shareholders (one share = one rote * Board elects a CEO/President on this pacticular date - A hol profit corporation is subject to corporate profite Common Stock/ Equiatry: tax, unlike non-profite. dividend is a discretion Shares & Dividend firm, subject to law. Splits - optimal price pershar Preferred Stock: in the US, tagget phice is N\$30. specified fixed ant of divid makes it easier to buy shares doesn't have to be paid but * corporate charter defines everything from can't pay common Str Ca framed @ incorporation. dir unless del pref. stock o Dividend - distribution of a 18 paid Company's earnings to shareholder corporate bonds - contractua obligation to pay coupon dividends return on a & there's a maturally 'da corporation *US bought preferred share a capital gain: from corporations to bail application in them out Buying price per share common stocke would be socialism!

Capital gaine taxes don't have to be paid while you sell the share. corporate charter - all common shareholders should be treated equal. Board can repurchase share instead of paying dividend the price of a share in the * shareholder democracy - proxy contecte + classes of shalle - voting maise. & non-votting shares Zuckerberg I owne 28% of its shares but 57/1 its volting shares How do companies raise money? 1) retained money - Wait, Save 2) borrow money 3 issue debt (corporate bond 4) resue new shares "dilution" - your share in the company goes & since they issue more shares (giving up voting power) EQUITY - all common stares owners are equal.

leverse splits are possible.

Pecking order Theory of Corp. Fin. letained earnings first, borrowing second lapuity lost market influences the amt. of money a company can Dilution Sometimes, the company was pay dividend in teams of stock Some investore may prefer companies that always pay dividende. Some prefer compair that don't pay dividendes Share Repuechase - levelle of dilution your ownership goes up. alternative May of paying dividend() / a tex break)

PDV of Expected Dividende Efficient markets theory: what you're really pricing is a claim on dividend. 1/E ratio P/DE De estis (Dividend (1800) P/E 215 (takes 15 yrs to pay out Riginal investment) companies that have low (lend to covary w/ market Karelow P/E Latios or very high a values. Value investing-investing low P/E. Why fiams pay dividende? - signalling theory - affect gradually dividende are just adjusted to a target