1000年の日本	Module 2: Chap 2		100
	Risk	Normal dishibution	
	L Ricka & Reliant	0 = 13	
	Concepts of Risks & Rebons		
	firstorical returns - return on	S= \$ btw artual R = mean	
	we carn returns in two poors:	supressed as muliple of stop.	
	-income from aust in form of		,J
	interest of alvidor	Two Security Portfilio Histor	i Coci
	arice of anois	Return.	
	copital galle	By = WIRI +WZRZ	7
	So the total return is sun total	W1 = weightage of Syl	**************************************
	of interest/dividend & capital	Nec - 11 - 842	
A CONTRACTOR	gain or less.	Experted return of 2	
	Rate of return:	security post folio	
	Div. 1 Pr- Pa/2 000.21 D 1	(Rp) = W x E(R1) + (1-W)	E(R=)
	P		
	dividend capital gain/loss	Measuring Port Polis Risk	
	yield yield C/) C/.)	for 2 semitty P	
1		5= Wa oa + NB ob + 2 Wp WB	(GV AB)
	Average rate of return	W = weightege of sy A+ B	71.00
	R= 1 & Ri SM	W = weight age of ag.	
	n in	Op. OB = std of & ARB	
	Holding Period return	COVAS = wvaniance of AB	
	- calculated by multiplying	=(TA)(TB) (GIAB)	
	notional amount of 1 with	( COV AR	
on the second	returns on for each period +	Corps (OV AB	
Contract of the State of	subtracting I from total value.	Risks of amtholise	
	returns on for each period + subtracting I from total value.  Measures of Aisk for I seem I. Variance (0°)	ity.	
	1. Variance (o²)	1- corr of 2 sys	
	2. 540) (0)	2- Proportion of investment in	
		each security	
	$\sigma^2 = \frac{1}{(n-1)} \sum_{i=1}^{n} (R_i - \overline{R})^2$	3- Std of each sy.	
States.	210: 32	Min To portfolio	
- Dank	$\sigma = \sqrt{\frac{2}{k!}} \left( R_i - R_i \right)^2$	WA = (52 B - COVAB)	
	Expected Return of single	(02+03-LOVAB)	
	Security.	""	
Constitution to			
A. 100	E(R) = RiPi		
The state of the s	Pi = probability of outcome		
	Experted Rick of single security		
-	$\sigma^2 = \stackrel{\circ}{\xi} P_i(R_i - E(R))^2$		
No.	0=162		
The second			

+M-Module 2 - Chap 3 Time Value of money Concept of time value Future Value Simple Interest A= P(I+RT) A = final amt P = principal amt T= time in yes R = Annual rate of interest Compound Interest  $A = P(1 + \frac{R}{N})^{NT}$ N= number of times interest applied per time period. T = Nb of time period elapsest One time Investment/ Lump sum Future Value FVn= Px(1+i)n n = nb of periods i = ror / period FVn: future value at end of period n p = principal amt -FVIF - Fulure Value Interest Factor - CVIF - Compound Value Interest Fedor  $(1+i)^{\circ}$ - Future Value of Rps 1 for period of n at the rate of i Future Value of Annuity Annuity - fixed ant paid or received at arrival freq. - fixed ant of cashflow is received or part at end of your or parison 15 ordinary annuity - cash flows are received or paid at beginning of year or period is annuity due. Sinking fund = (1+i)