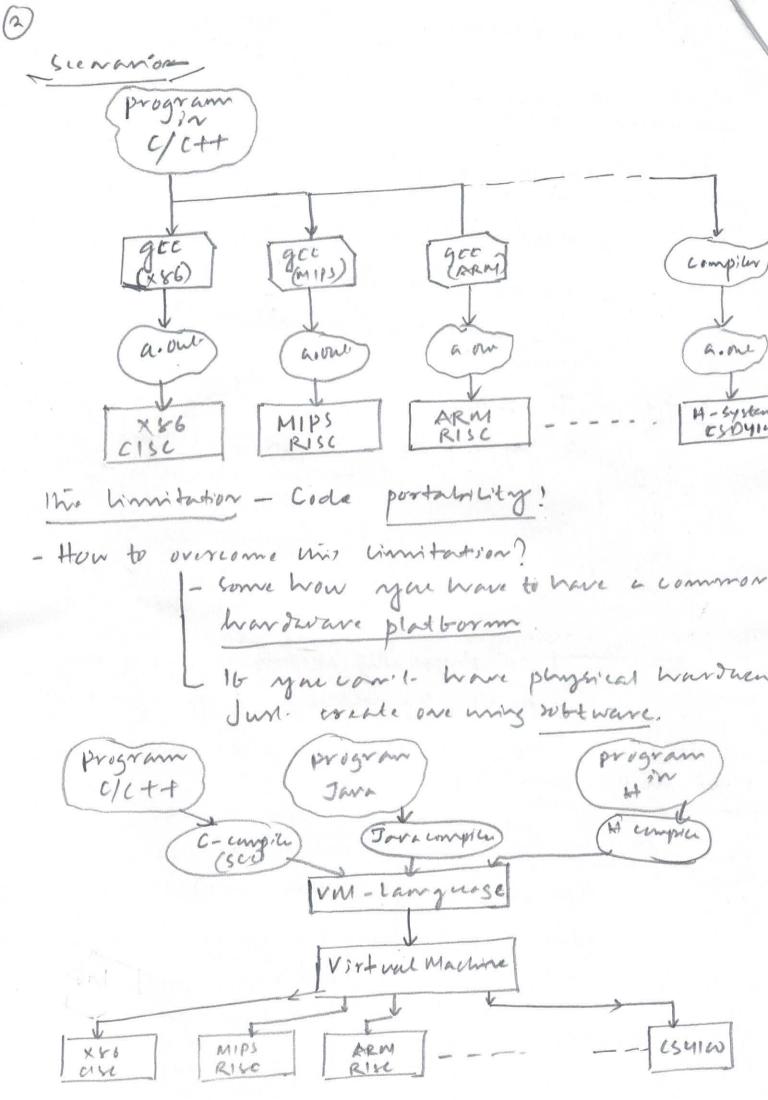
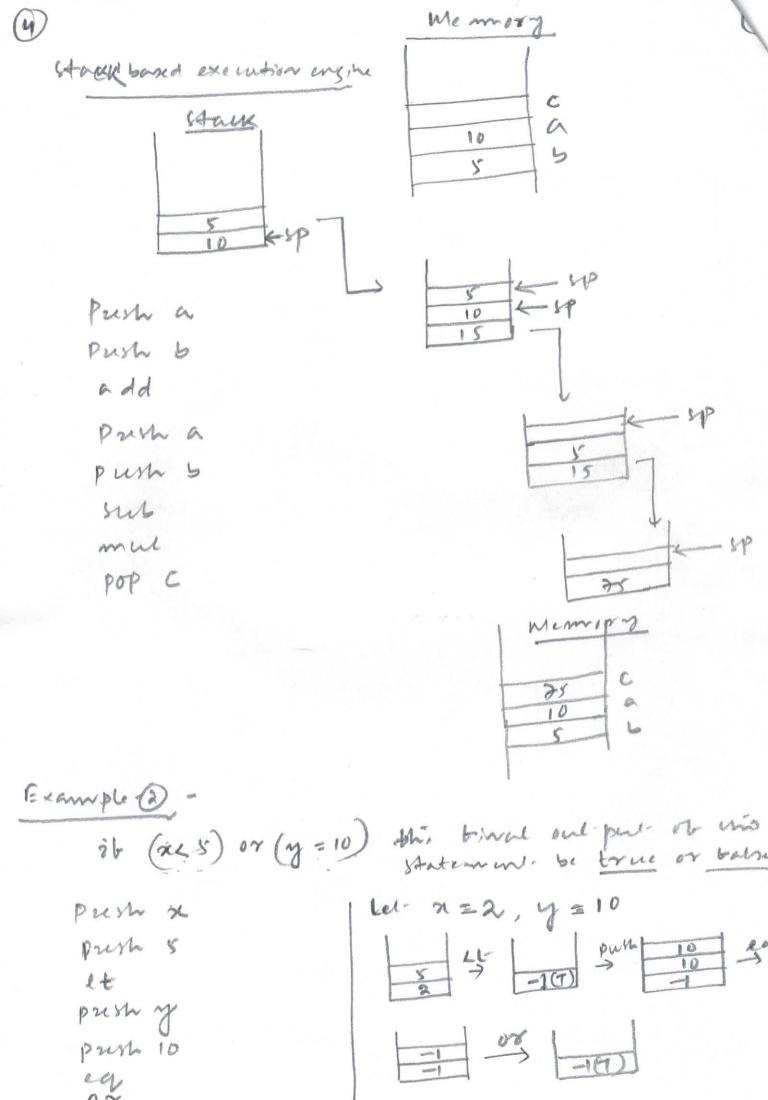
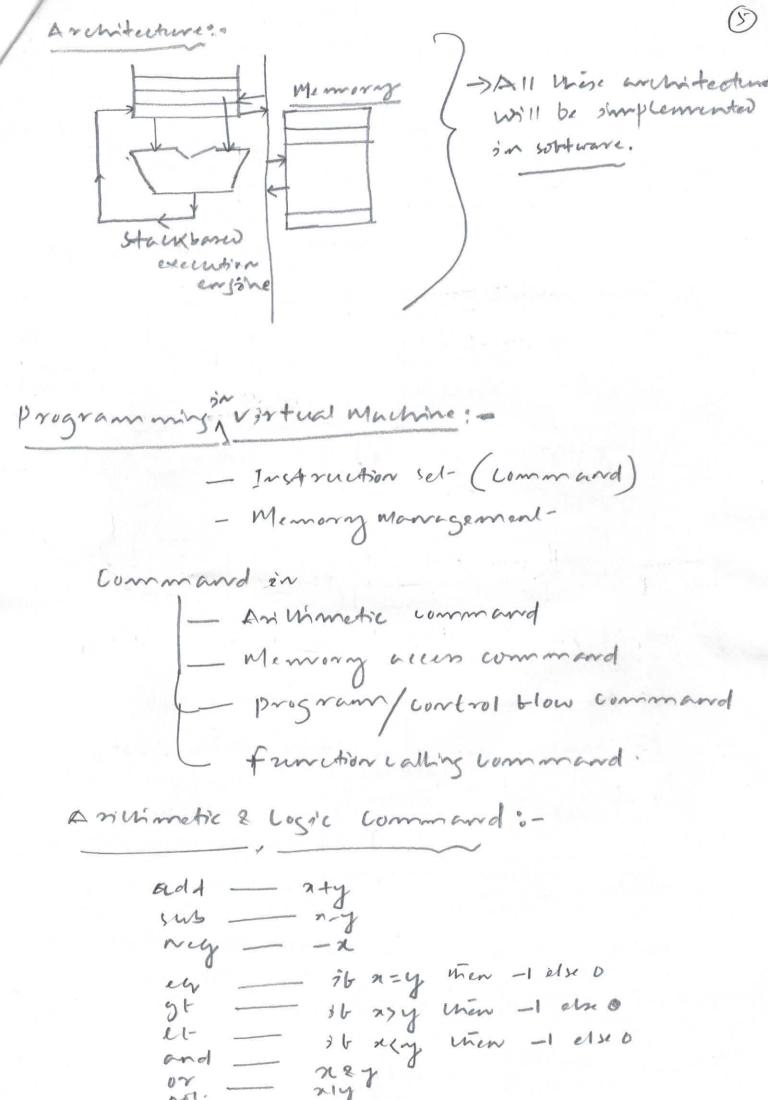
- Lecture - 15' - (6/11/2019)	
Vortual Machine :-	
the concept of virtual:	
- Virtual Momormy	
- Vortual Machine (Vixtual Brown)	
Virtual: - To mimic the structure and behaviour of	В
Virtual: - To mimic the structure and behaviour of A by B. was wird wirt and object of physically existing as steely but one of the control o	i
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made by software to appear to do so)	
ist well Machine: -	
A - Hard wave architecture	
B- Vortual Machine (VM)	

W- programing language &

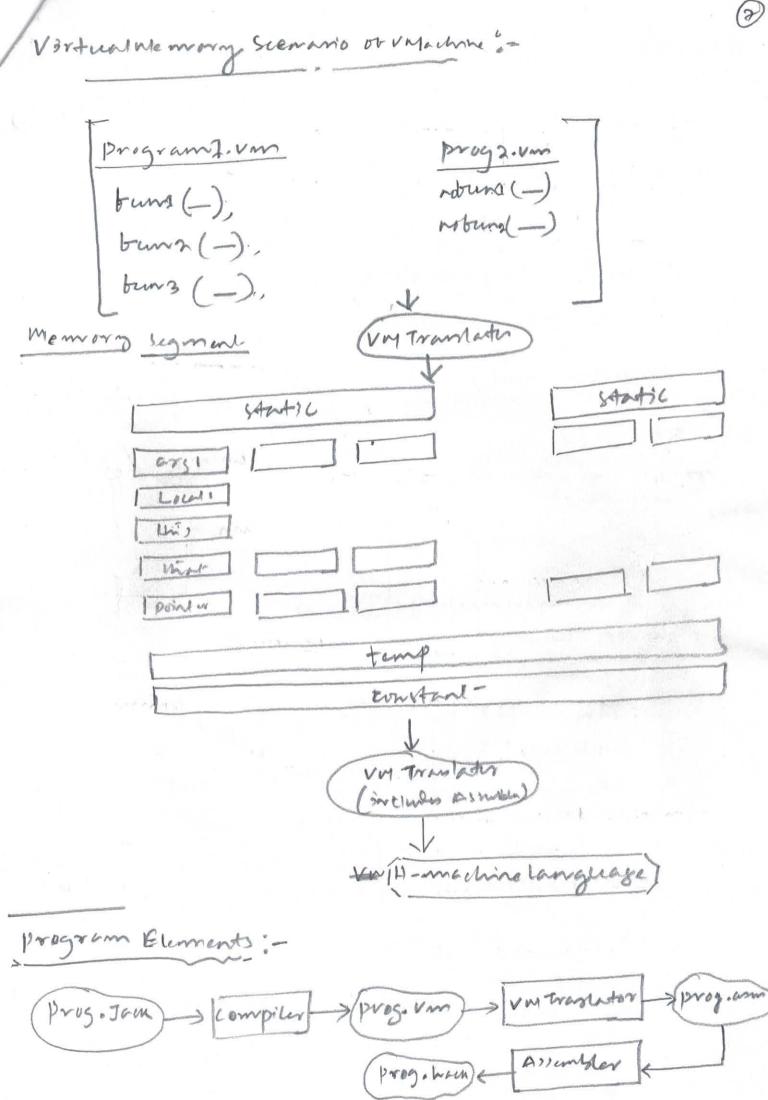






Memory Access com	
- Presh segment pop segment	inden [sp] + segment-tin inden [sp + sp-1 sp + sp-1 sp + sp-1 - segment [inden] + (sp)
Partitioning memory into	
- To manage precisely.	mi program (multiple program)
Memory sigment- 4.41- VN	1) [vistem memory or vm
Signed-	paramentes
Local	Lord variable
static	Global variables
Constant-	stormy constant values range (0 - 32717)
my/that	(Dyramie memory allocation
pointer	Ban addresot wis final
temp	(myramic)

(C)



Example or program executs	ion
C- prigram:	
into much (into m, sinty) &	
out prud = 0;	
bus (sint i=y; = 21=0;	·)
prod = prod + x ; -	
	avgument
return prod;	1 0
3	2 3
>	Local.
corresponding VM-code;-	Local Dred
bresh constant o	Englad
presh constant o	1
Drew Accessors of	9.11
pop Loral 2	midde
Label was	
	= 0
prish local 2 > ?:	> brod = brod + x
	ored = 1
it - goto end	
	leabel and
pum oral o	push weed of retu
presh argument b	return) Pr
welet -	
pop went o	
push weal 1.	
push unstant 1	
nis	
pup weal i	