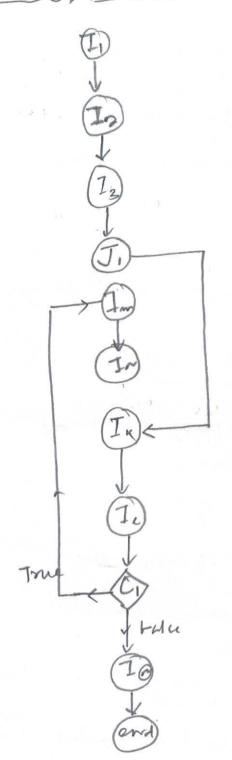
(Lecture - 16 > 13/11/2019	(
- Virtcul Machine-	
- The conceptat virtual machine	
- Implementation - stack operation - Memorymapping	
- VM code	
- Memory occess Command - Anumetic and logic command.	
- program tien & function call:	
- Concept of program blow - Implementation in VM. - goto label - it-goto label - it-goto label - it-goto label - well-anism - call name of no of pargument - return Rate Return to this calling, bunchion.	21 00 3



Control How of a program:-



I - an shift cution

J - unreal toward

Jump

C - conditional

dump

VM command:

-wil troval Jung - got label name

Example:

push regment shen

stable L1

sood cament shen

conditional Jump:

5t-geto lobel-vame.

cheek top of me stack bur

0 -> balse

1 -> true

TRUE!

- pop the value to appropriate segment

- execute me Jump shotnition

- Function call -

- Structure of a bunction

referetype bunchon-name parameteores

butyou wed operations

return.

Frunchin call and starry.

Example: Culting other trunction

futrantine major:
call to
call to

return.

contra to: | subrecator to.

Contra to.

C

retum.

Subout 63:

- (4) Ejeneral tute of bunction call
 - 6 parmy argument. Im cares to care.
 - @ Suring his state of vie caller betwee mosterny to execute his valled
 - 1 Allocating space for mi local variables
 - (9 transfer control to call w
 - 8 return value form we called to called
 - 6 Recycling (breesty) the menning space by the color substitute.
 - @- Re- hetating the sente of the called.
 - Q return the control bout to called