

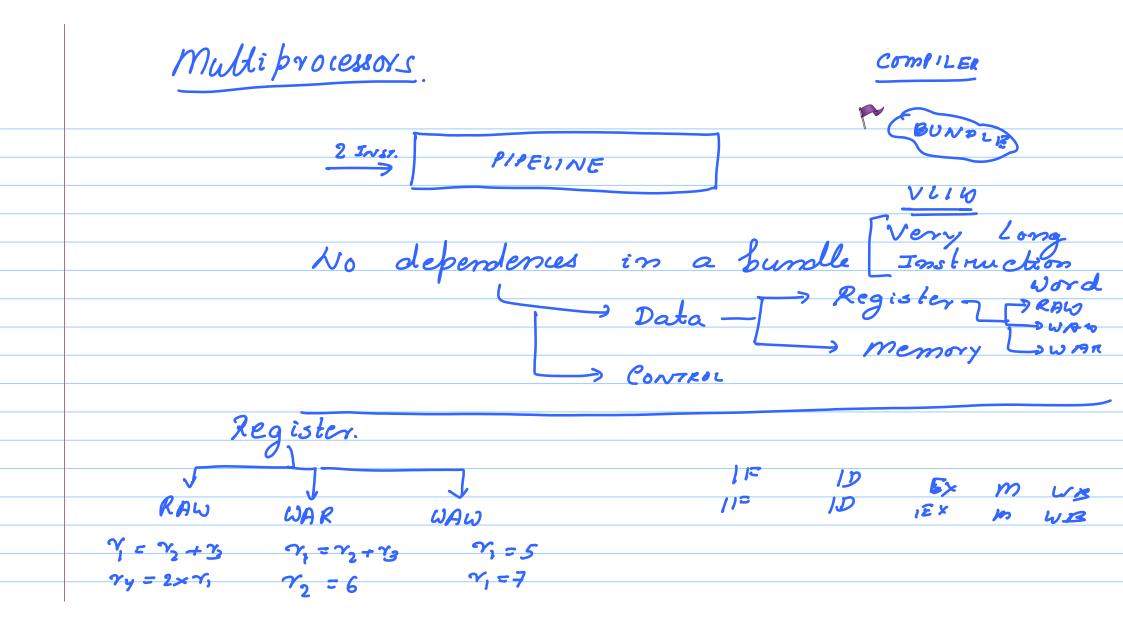
Alternative Organization:

Modify the single level fage table -> set associative eache.

Cache
400 mB / 4kB
Entries can be
1024
thrown out

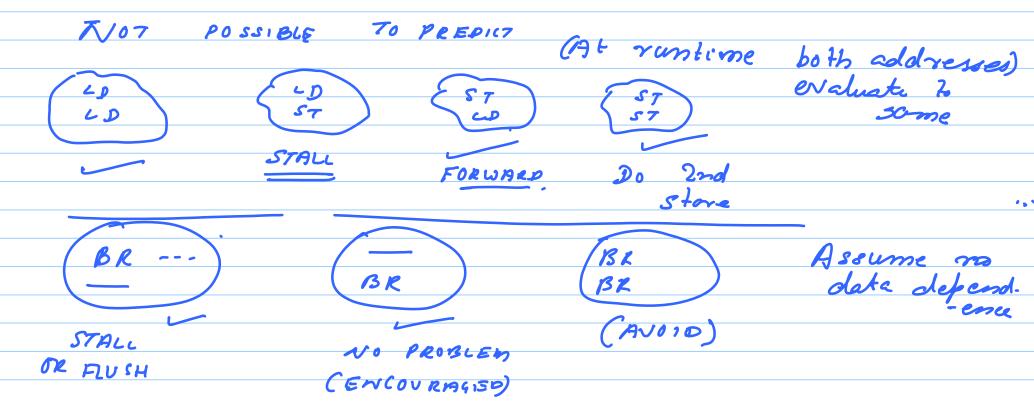
Entries
commot be
thrown out.

Rage Talk

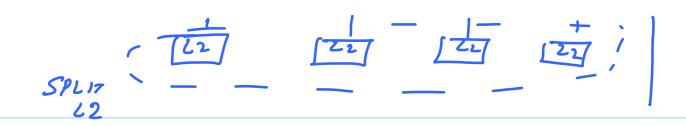


DON'T CREATE GR STALL

## MEMORY



FOUNDATIONS OF A MULTIPLE ISSUE PIPELINE m cost MULTI-PROCESSING MULTI- THREADING Py x = 3 WRITE X = 5 LI\_ THROUGH 12 UNIFIED 1P31 P



SW Definition

Process: Program with a separate address space Process: same as su

Threads: Group of program with Thread: Same address

space 2 multiple

Same address space threads run on

the same processor.