

Block diagrams and size of pipeline registers :

IF/ID Register:

size : 20 bits

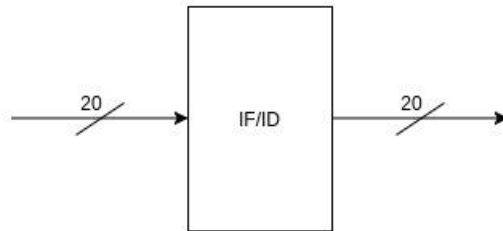


Figure : IF/ID Register

ID/EX Register:

size : 32 bits

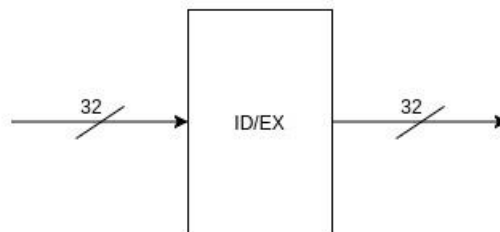


Figure : ID/EX Register

EX/MEM Register:

size : 13 bits

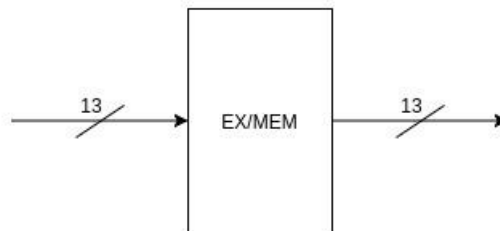


Figure : EX/MEM Register

MEM/WB Register:

size : 13 bits

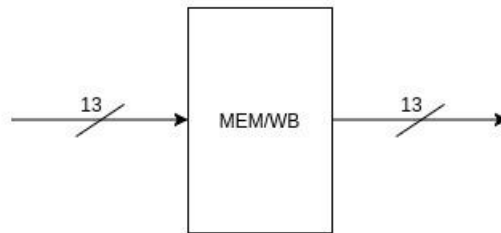


Figure : MEM/WB Register

Forwarding Unit :

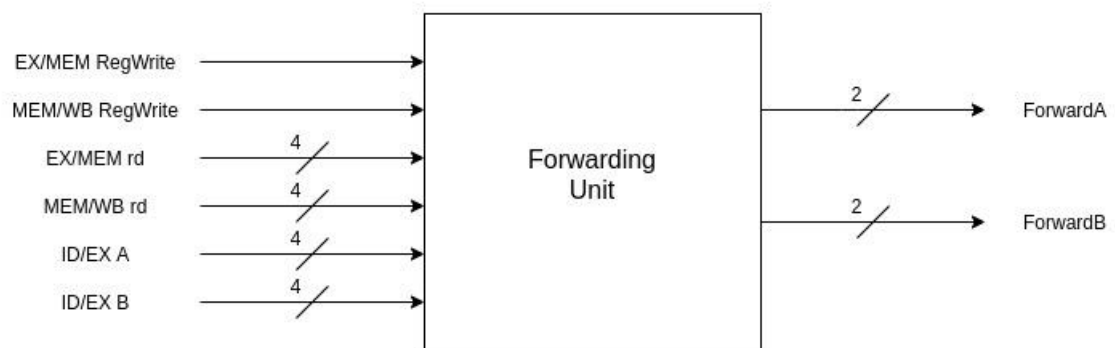


Figure : Forwarding Unit