REGISTERS:

[0000 : 0\*32 , …] (string)

DATA MEM : [“0”\*32 : “0”\*32, …] 4 byte addressable (2^14 addresses)

FETCH : returns instruction (PC update +4)

DECODE : returns [instruction : , rd : , rs1: , rs2 : , imm : ]

EXECUTE: returns [instruction : , rd : , rs1: , rs2 : , imm : , result: ]

MEMORY : Use the “result” to load data, and rewrite “result” = the loaded data. return [ ]

WRITEBACK : returns NONE

Club, log, plot.

Exception Handling??

NOC instructions…

Hazards….