Comp Arin HW #4

- DIN order for state 1, state 10, and state 0 The central values for this new state 10 are Rurite At source=10, Resport =10, Mento Rus=10, and Regliste, A new state 10 is added from state 1. Resport and Mentoles corresponding values in the other state need to change as new to reflect this enhancement, because hashest and Mentoles are now 2 bits we see the changes in tisp. A3.2 using graded Hours (by what we got in partlb), it will take 3 yours to do the jal instruction (state 0, state 1, state 10, state)
- 3 In order to take RS of in ight, Muxinto Histor register port of higher file medy
 to expand, it must to expand into I more inputy from register A and From register
 B. The state of diagram should also have 2 more states write from RT Field and
 to perite B into Rg Reld.

you much to get you read to do it 2 thmey to surp the registery - its very similar to the write back state of retype instructions. All of this will take a cycles to tinish.

- 9 just bronch
- To the Peter stage it would affect allowed the confirmation the PC+4 so therefore it would affect all of the instructions.

By and the rewrite Makes the Personces or main makes the resulting to the Pe

In order for us to read what in the register of, we need to connect the intermediate register B to the memory unit. To do the adultion with register start and to feel MDR (which will have man(rt)) into the ALL