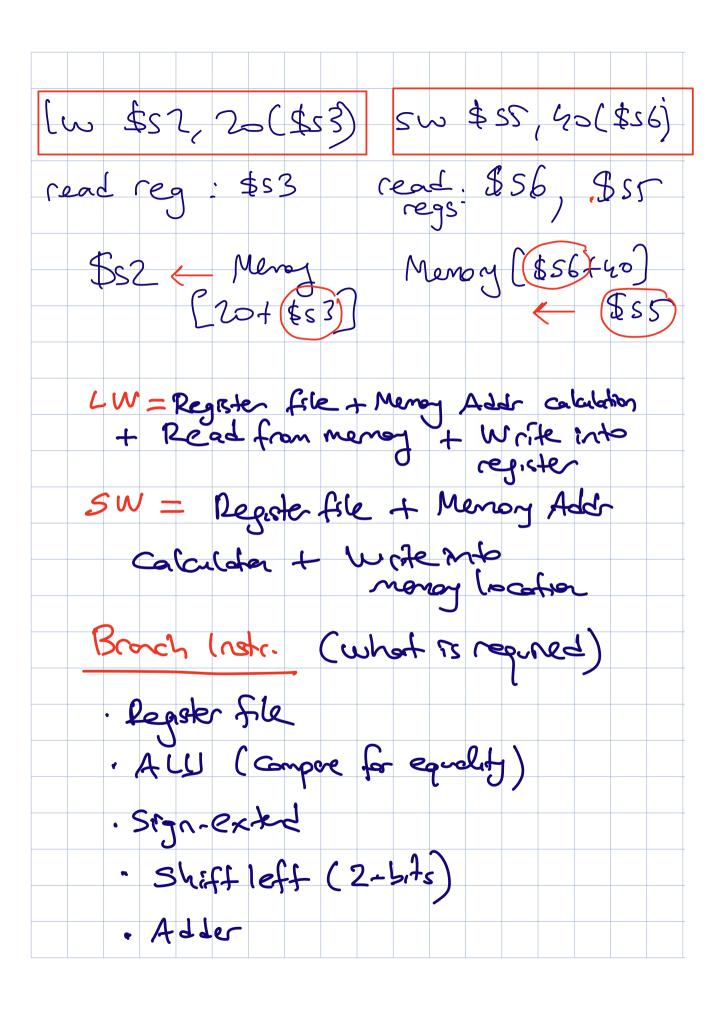


Actor depends on instr class 7 use Au after ready reposter \* (f menoy-referce =) address calculation \* Anthetic logical make a operation executive \* Brach instr = Compossor After Am, action required differs Thon one mstr. to another. (Menony Reference) Access Menony ) Arithetic (Lopical - write deta from A cu to regerte file Broad rosh - Charle rext laster add (if true) Kegister File Reading = not require changing a state. Only register number is supplied writing = it requires register number, data to writing into report.

Do not show a write control signal when a state element is written on every clock edge. If it is not updated on every clock, than a separate control signal K-format (What is regred?) Register file ~ 1500 Instructions (what is requed?) · Reposter File. Data Menoy needs read signal but Reporter file obesit. Why? Unlike reporter file, reading a value of an invalid address on



7 Brach Decision (True or false) Bronch instr Branch Torget Addess Address -> 16 bits 16 5sts to 32 5sts -> Sign-extended byte add to Shift left word addr by 2 1575 Reading Assignment \* pages B.26-B.38 (from appealix) \* pages 244-259 (In order to revize digital design materàl
you can reed B1-B20)