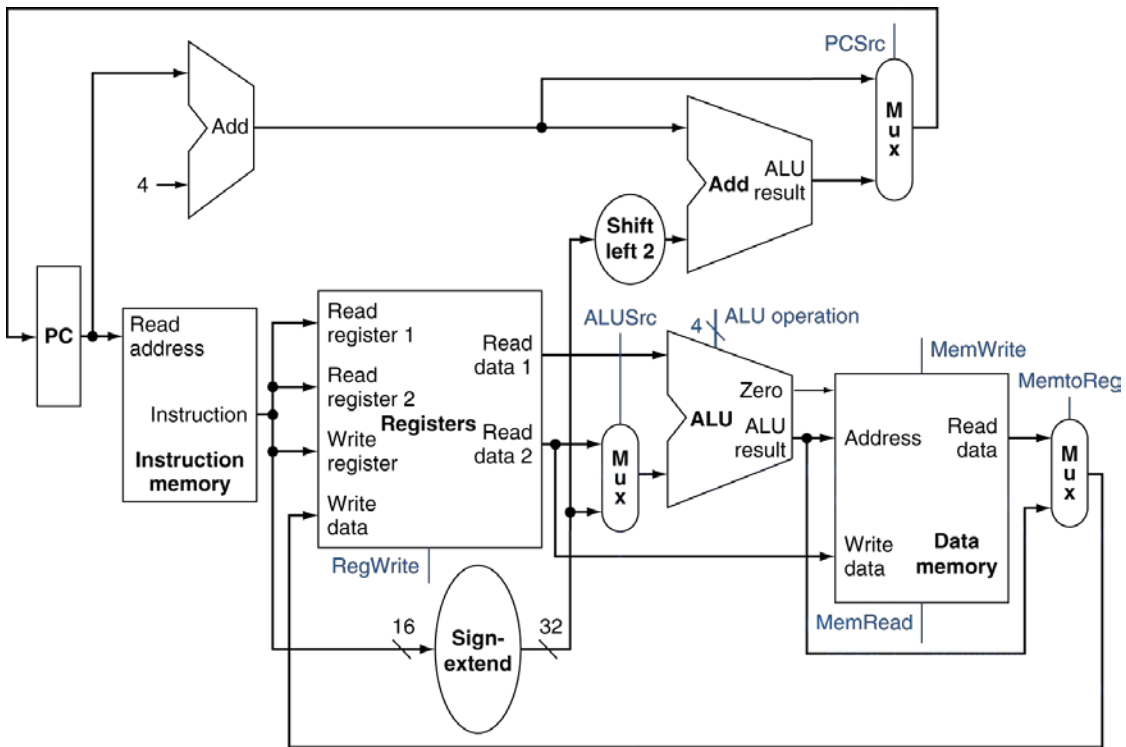


6. What logic is necessary for the execution of R-type instructions?

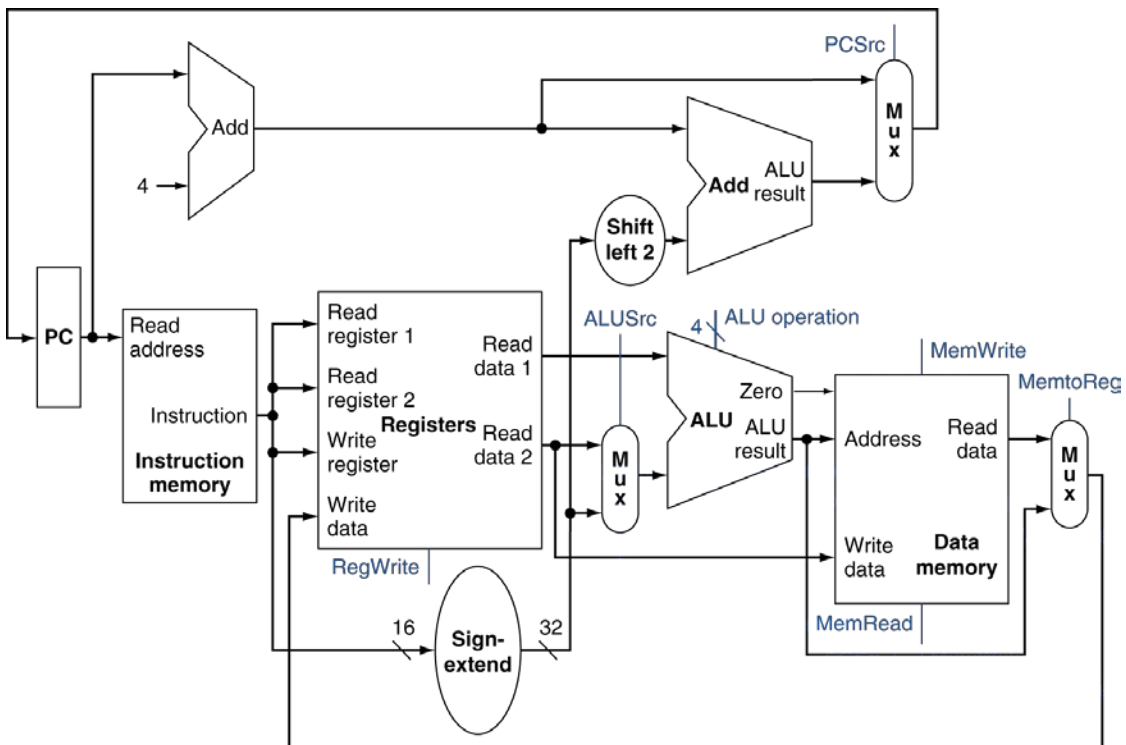
7. What logic is necessary for the execution of loads and stores?

8. Describe the logic necessary for conditional branches.

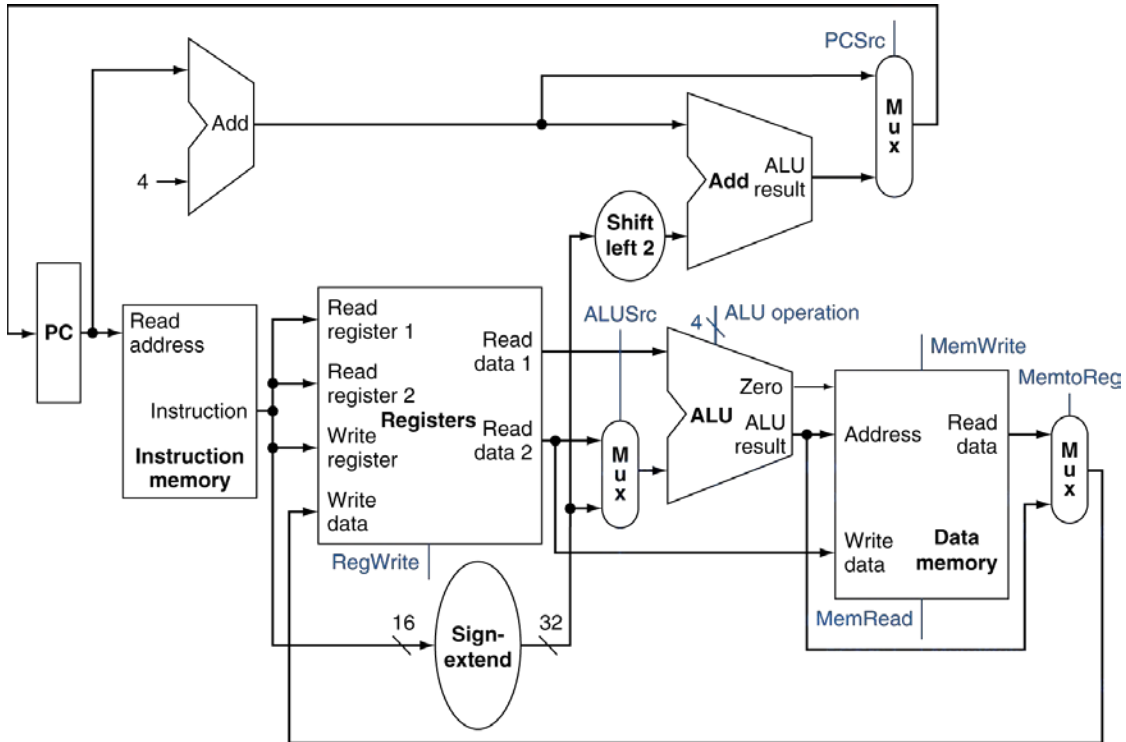
9. Show the overall datapath operation for:
 a. R-type instructions



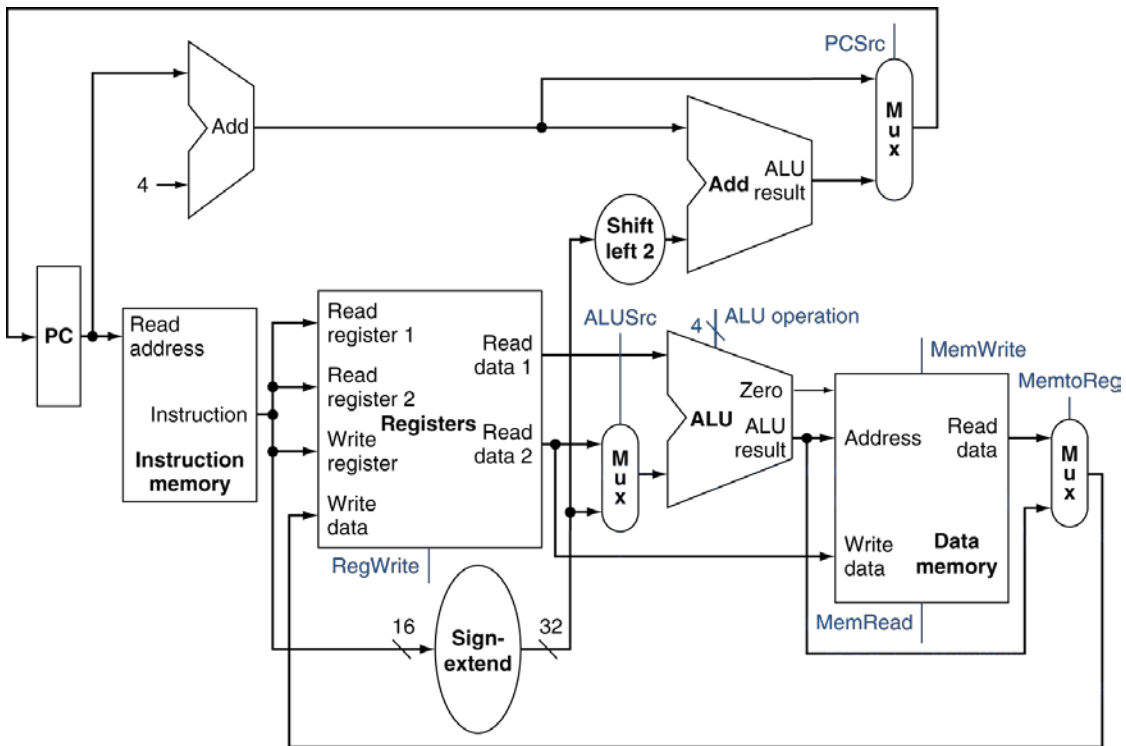
- b. I-type ALU instructions



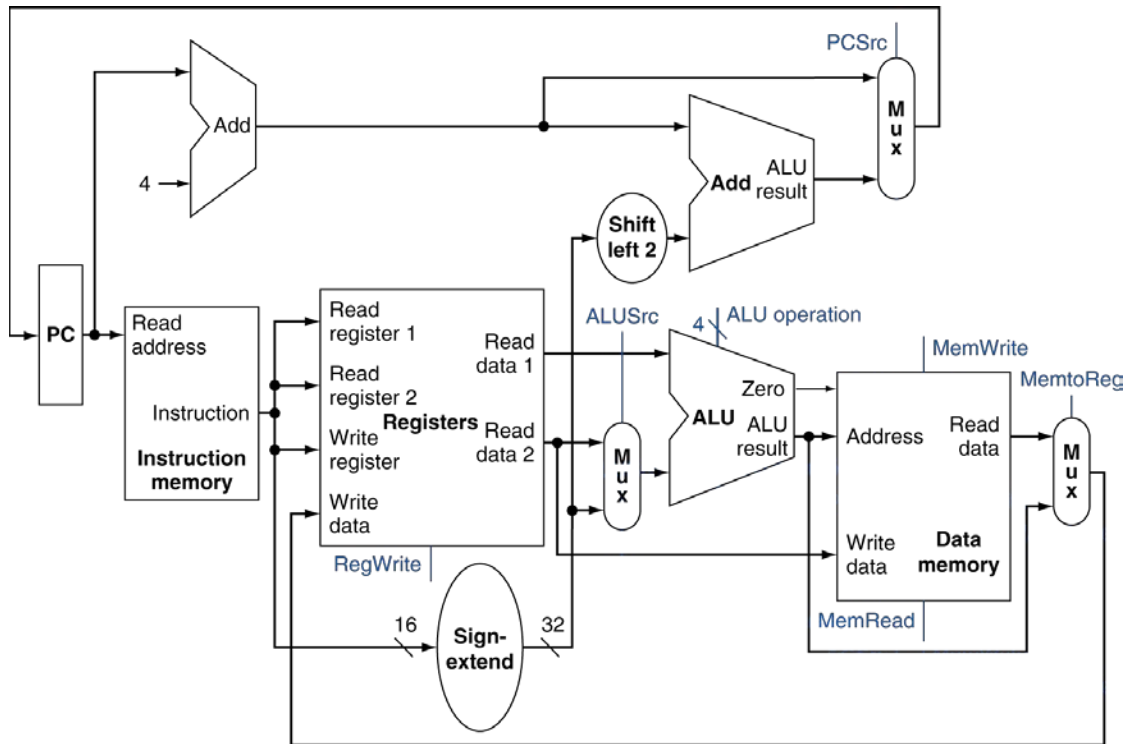
c. beq instructions



d. Loads



e. Stores



10. Describe the additional logic required to implement jump instructions.