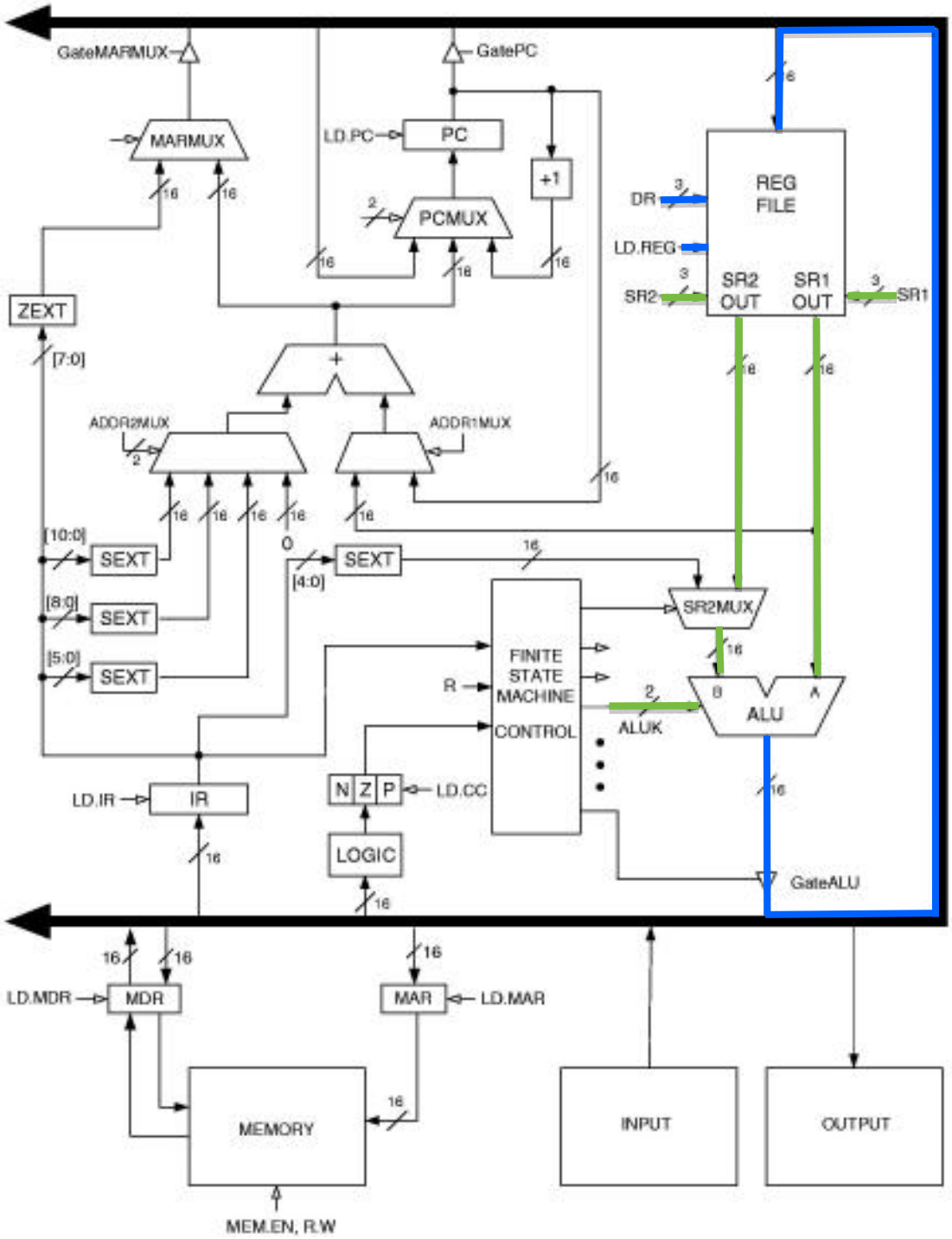
Last name: AND **First name:** _____



DR <— SR1 AND SR2
DR <— SR1 AND SEXT(imm5)

0101-DR-SR1-0-00-SR2
0101-DR-SR1-1-imm5

SR1.MUX: IR[8:6]
SR2.MUX: IR[2:0]
ALUK: AND
Gate.ALU
DR.MUX: IR[11:9]
LD.Reg