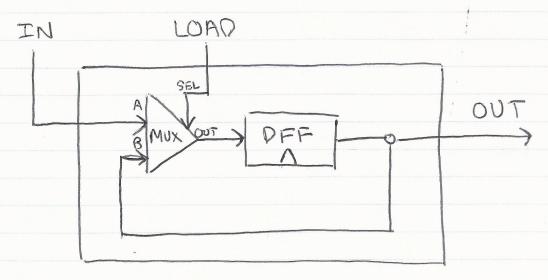
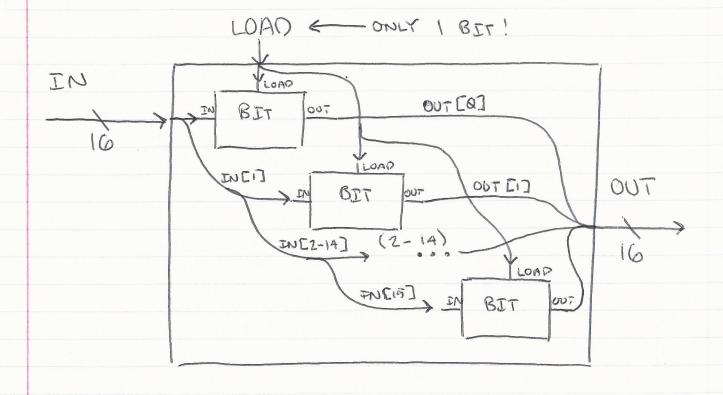
CS220 DOCUMENTATION HOMEWORK \$ 4

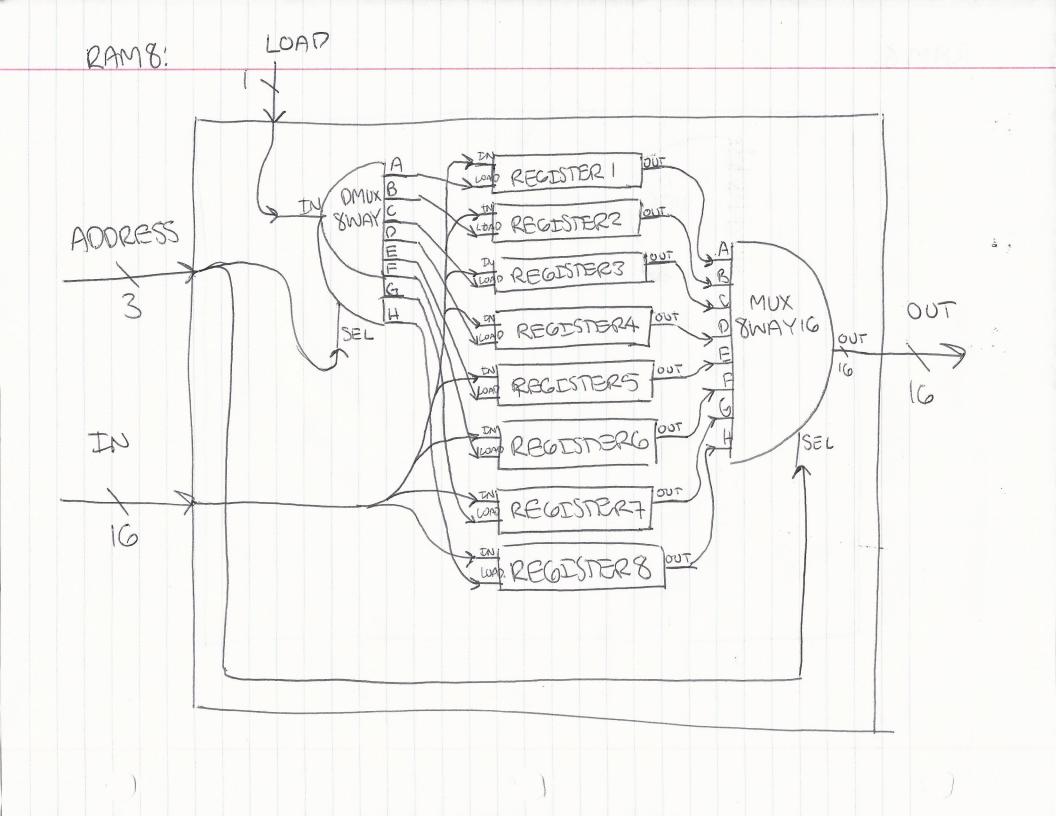
JACK ROLLENSON W7252829

1-BIT REGISTER (BIT)



W-BIT REGISTER (REGISTER)
W= 16 (FOR OUR 16 BIT COMPUTER)





RAM 64: [0.2] LOAD VAPORESS ADDRESS [3.5] RAM8 RAM8 TUO 6 AMPESS MUX RAM8 760 TUD DITANB IN DMUX 8WAY TUD ADRESS RAM8 16 IN ADDRESS RAM8 OUX 16 G Anneess OU. SEL RAM8 Appress 001 RAMS ADDRESS RAMB [3.5)

)

RAM 512: WAP. LOAD RAMGA [a. .5] OUT ADORESS [6.8] SEL MUX RAM64 Aponess OUT SWAYIG OUT DMUX 0 IN RAM64 16 YAWB WI E RAM64 16 G SEL 4 MORE RAMO4) [6..8]

RAM AK! LOAN [9..11] ADORESS SEL RAM512 OUT Appress 12 à s MUX 如 SWAY16 3(RAM512 1-6) DMUX OUT SWAY. 16 W RAM 512 005 G H 16

RAM LOK: LUAD ACTRES RAMAK 740 IN 16 MUX B In OUT OUT IN DMUX RAM4K OUT 4WAY16 4WAY 16 PODRESS ADDRESS IN 1SEL OUT WAR RAM 4K 14 SEL ADDRESS [12.13] In RAM 4K 007 [a.. 1] APPRESS [12.13]

PC. RESET! LOAD INC TRUE IN TUO OUT REGISTER INCIG our 16 16 de e B MUX16 MUXIG, SELE MUXIG/SEL 100 75 97.