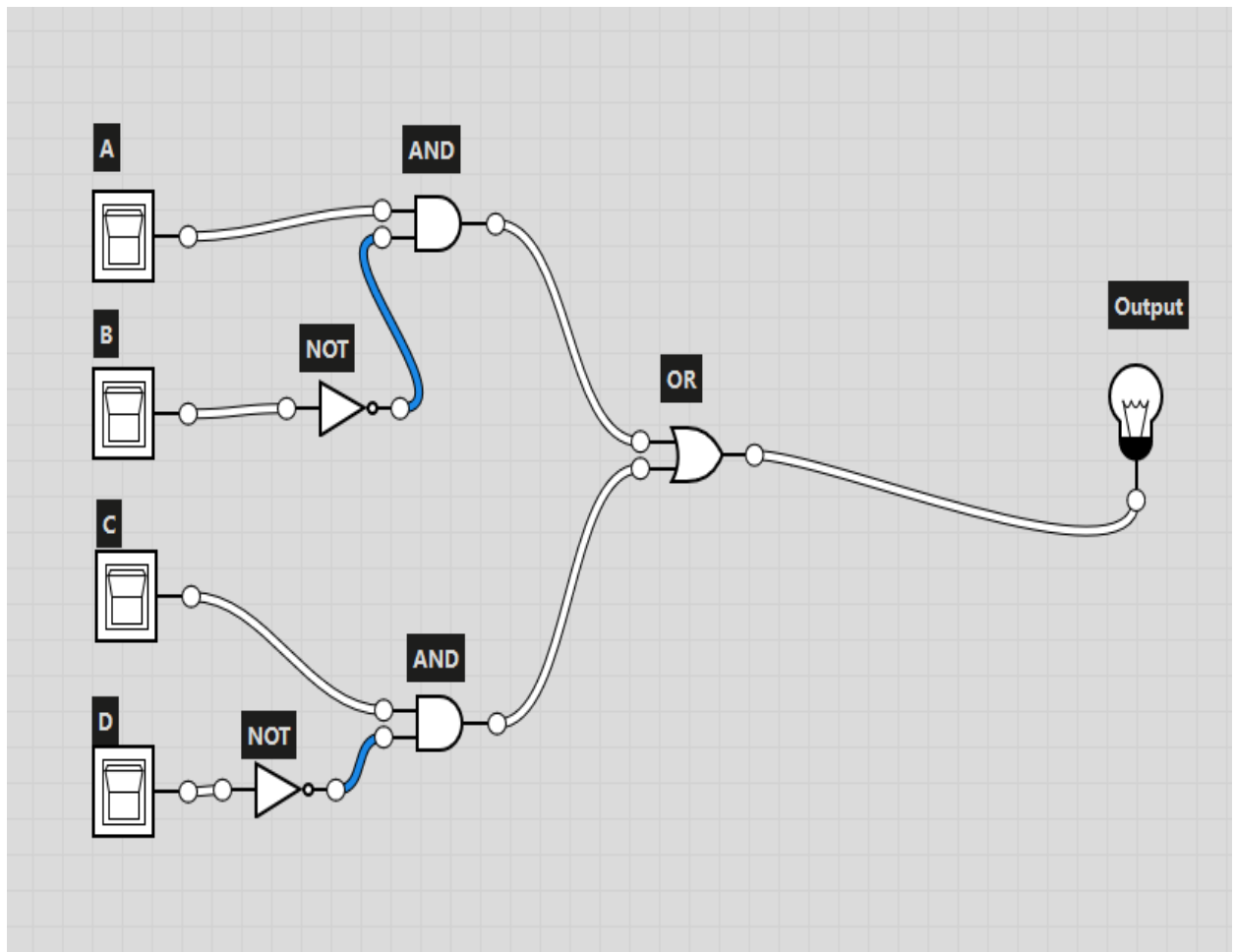


Naser Alkhateri Assignment5

5-2



Naser Alkhateer:
5-3
iadda

Assignment 5
Question 3

Fetch:

icode:ifun $\leftarrow M_1[PC]$
rA:rB $\leftarrow M_1[PC+1]$
ValC $\leftarrow M_8[PC+2]$
ValP $\leftarrow PC + 10$

Decode:

ValB $\leftarrow R[rB]$

Execute:

ValE \leftarrow ValB Op ValA
Set CC

Memory: N/A

Write back:

$R[rB] \leftarrow$ ValE

PC Update:

$PC \leftarrow$ ValP