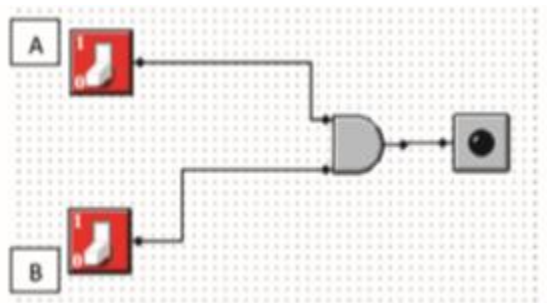




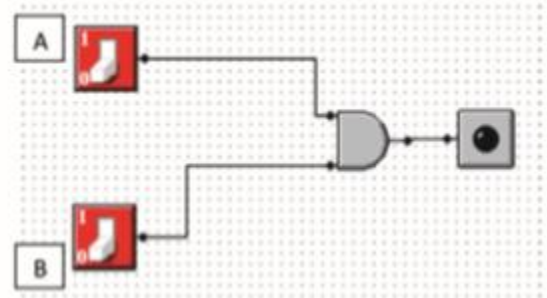
Unit 5 - Physical Computing

Checking the function of basic logic gate by using MM Logic software.

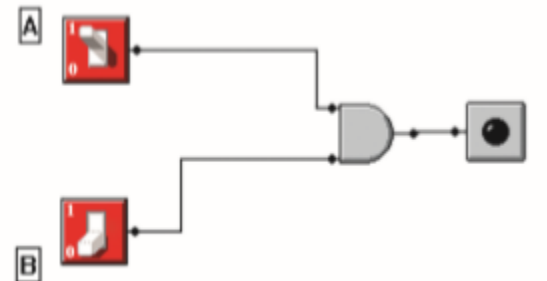
AND Gate



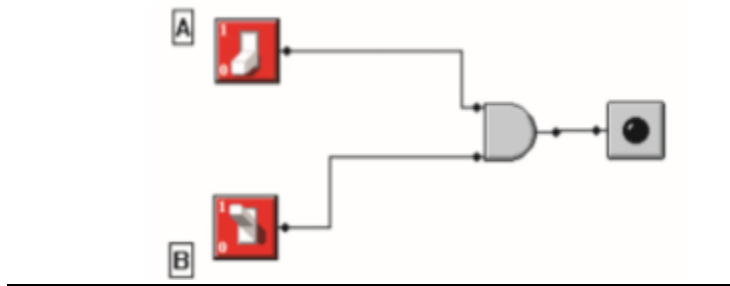
When the circuit is set up as above and run, its output can be observed as follows.



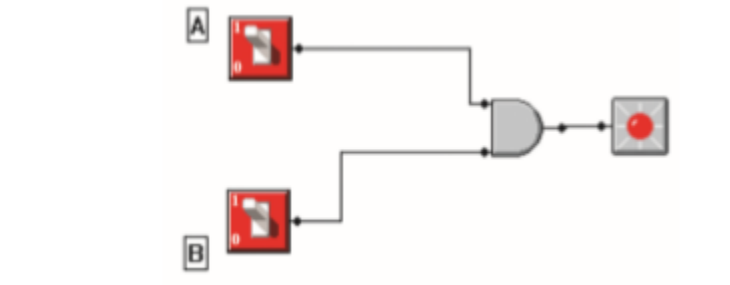
When both switches relies 0, the LED bulb will not light up.



If switch A relies 1 and switch B relies 0, the LED bulb will not light up.



If switch A relies 0 and switch B relies 1, the LED bulb will not light up.



When both A and B switches relies 1, the LED bulb will light up.

Activity

Write the inputs and outputs, when the AND gate is functioned using MM Logic software.

Input A	Input B	Output