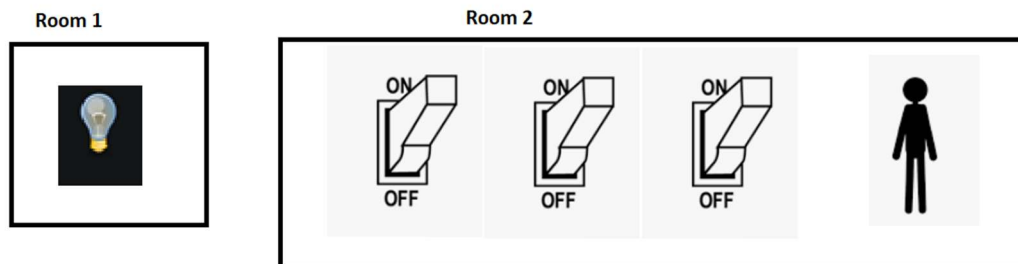


There are 2 rooms – room number 1 and room number 2.

You are standing in room number 2. It has 3 switches in it, in room number 1 there is a lightbulb:



**Only 1 switch will turn on the lightbulb, you need to find what switch it is.**

## Rules:

- You will start inside room 2, room 1 will be locked and can only be opened one time.
- The lightbulb that inside room 1 will not turn on at the beginning.
- The 3 switches will be "off" at the start of the game.
- Once room 1 is unlocked it cannot be locked again, and you cannot touch any of the switches.
- You have one try to tell which one of the switches turn on the light bulb.

[Go to next page for solution](#)

### Let`s name the switches A, B, C:

- First, turn on one switch for about 15 minutes or more – I will pick switch A for the example.
- Now turn off switch A, and turn on another switch (B or C), let's say B.

### Open the door:

- If there is light (from the lightbulb) inside the room, switch B is the one that can turn on the light (it's the only one set to "on").
- If there is no light – touch the lightbulb, if it's hot it means that the switch A did turn on the lightbulb, because it was on for more than 15 minutes the lightbulbs is hot by this point, in that case the answer is B.
- If the lightbulb is cold and there is no light the answer is C.