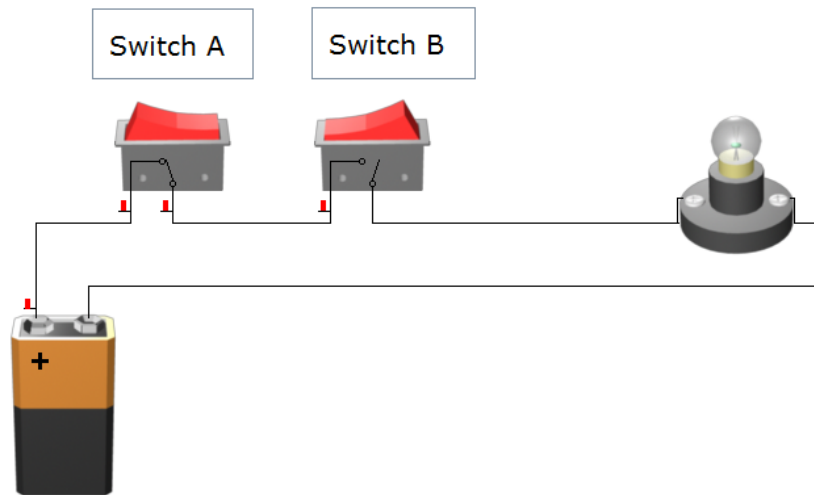This is a AND circuit. Even though Switch A is closed, the light is still not on. Look at the VB logic below to see why.

This is called a AND circuit. Two switches are connected in series. Both A AND B must be closed for current to flow.

Switch A   Switch B


```
If Sw1 = True AND Sw2 = True Then
        PowerOn = True
Else
        PowerOn = False
End If
```