

Glow LED Using Switch

Aim:

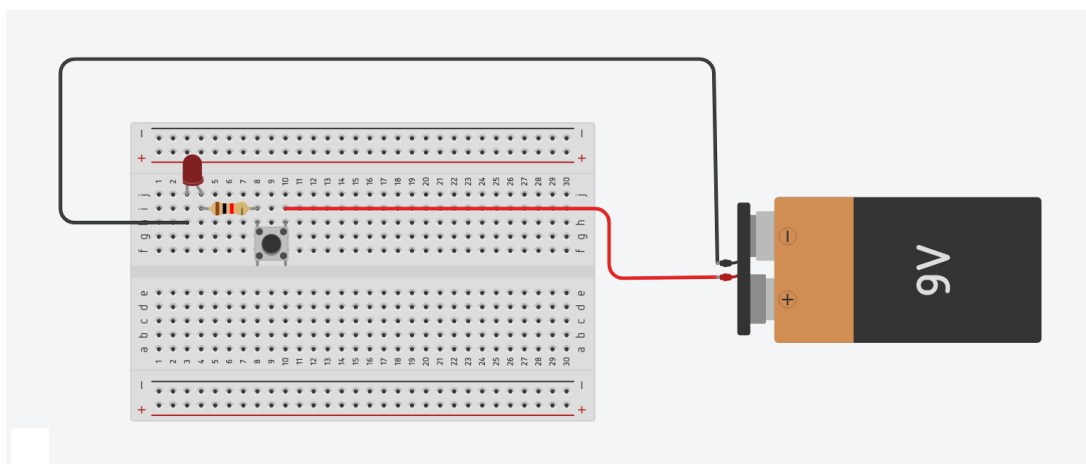
The main aim of the project is to glow a LED on breadboard by using switch, resistor, LED and battery.



Components Required:

Sr. No	Component	Value	Quantity
1	Breadboard	-	1
2	LED	-	1
3	9V Battery	9V	1
4	Battery Clip	-	1
5	Resistor	330 Ω	1
6	Push Button	-	1

Circuit Diagram:

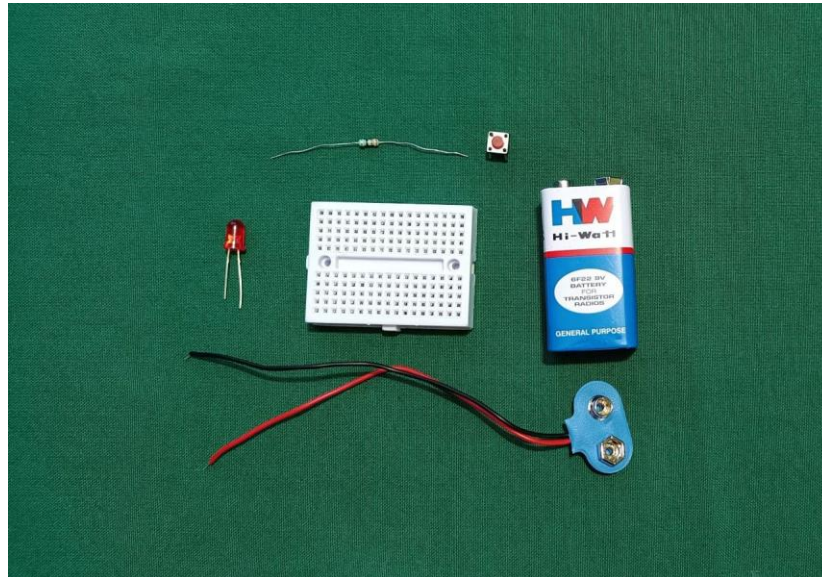




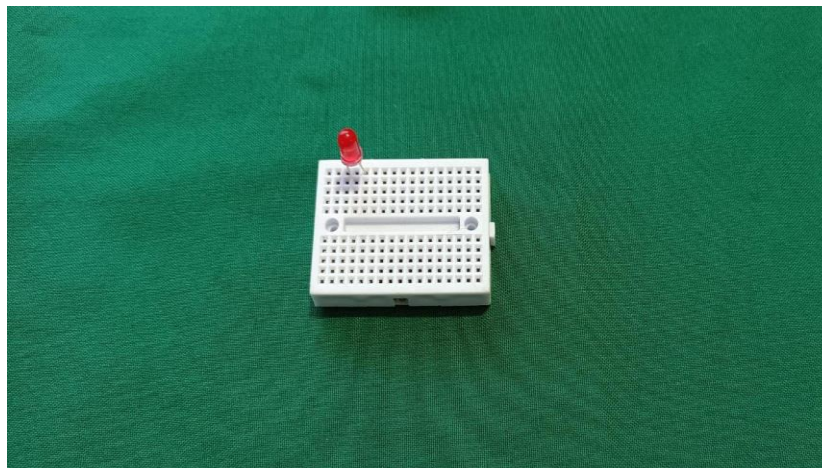
Working

The connections for this project is very easy. Just we need to follow few steps to complete this.

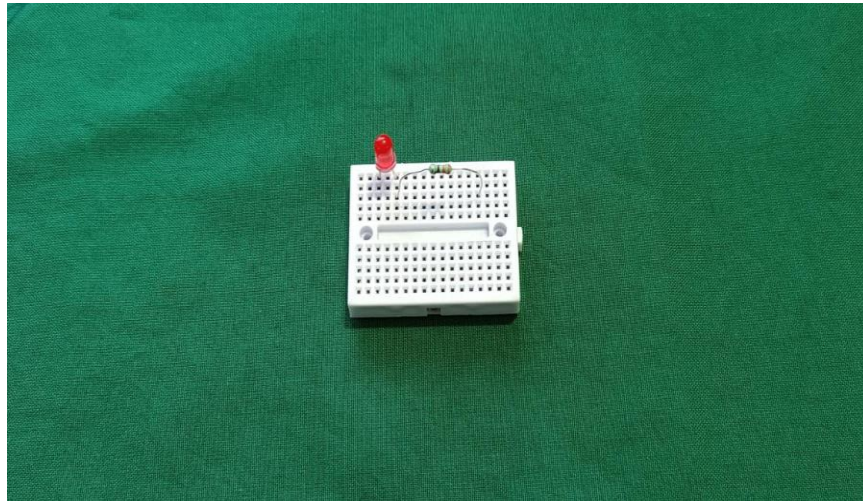
Step 1: Take out all the components that we need for this project like shown below.



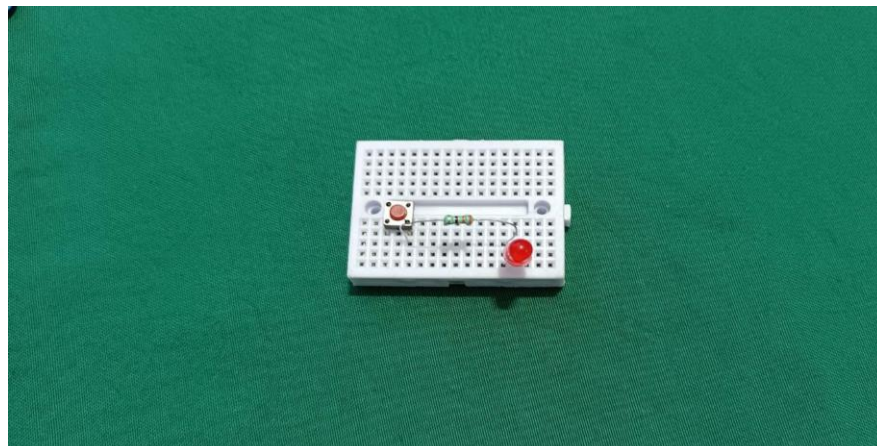
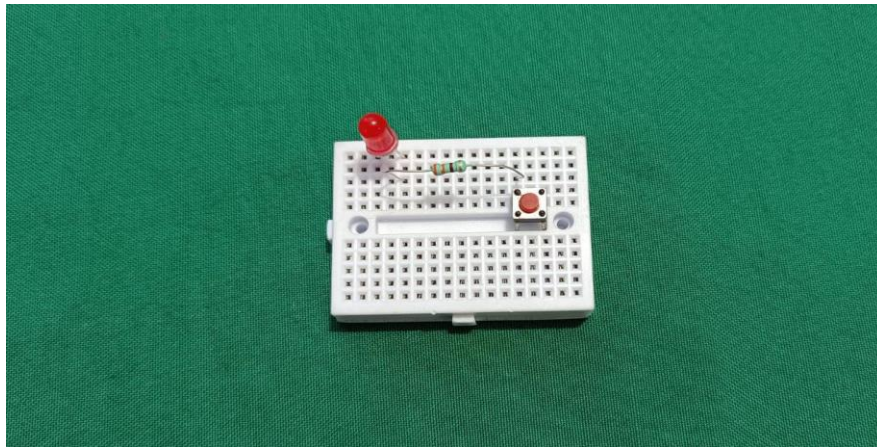
Step 2 : Now connect the LED in the sockets of breadboard.



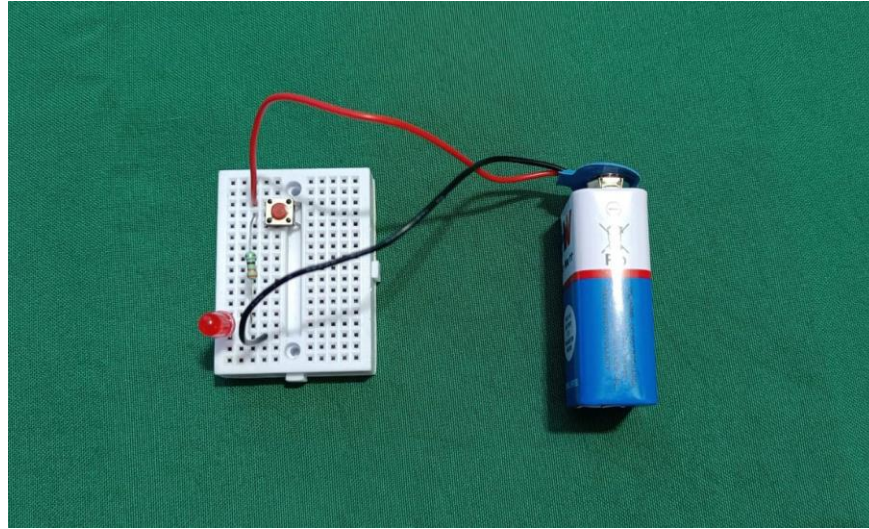
Step 3 : Connect the resistor's one end in the +VE(LED's long tail) column on breadboard and other end of resistor to another socket of breadboard [except –VE(LED's short tail)column] above the gap line like shown below .



Step 4: Connect the push button on the other side of resistor as shown below.



Step 5: Now connect the battery clip to 9v battery and then connect red wire of battery to the Push Button's other end column and the black wire to the –VE (LED's short tail) column as shown below . After that when you press the push button the LED will glow.



Conclusion

We have completed LED glow on breadboard using switch project and got to know about connections on breadboard.