



Controlling Devices Over the Internet > Controlling Devices over the Bolt

Circuit Connections for an LED

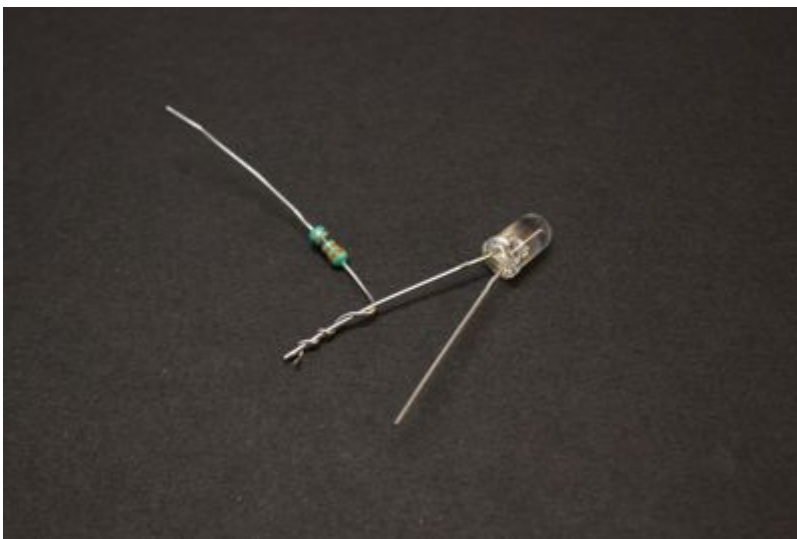
In the previous lesson, we have learned about LED. In this lesson, we will learn how to connect LED to Bolt.

Hardware required

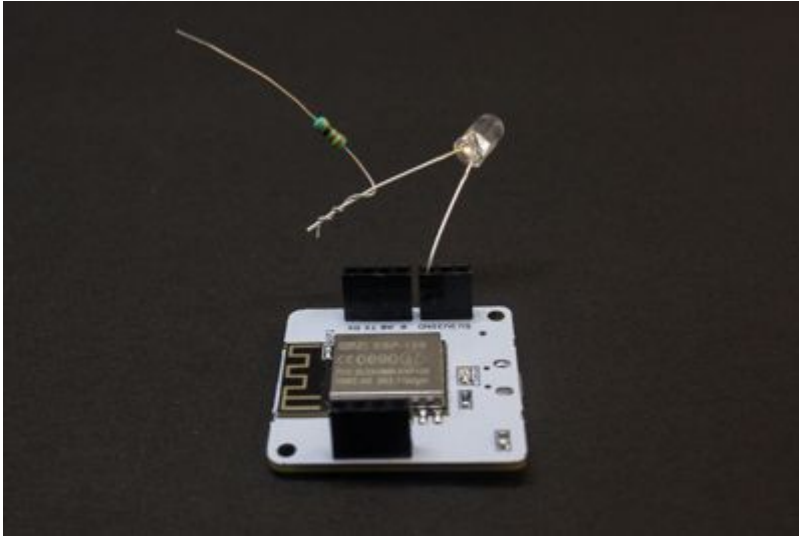
- The Bolt Wifi module
- 1 x 330 ohm Resistor
- 1 x LED

Connecting the LED to the Bolt

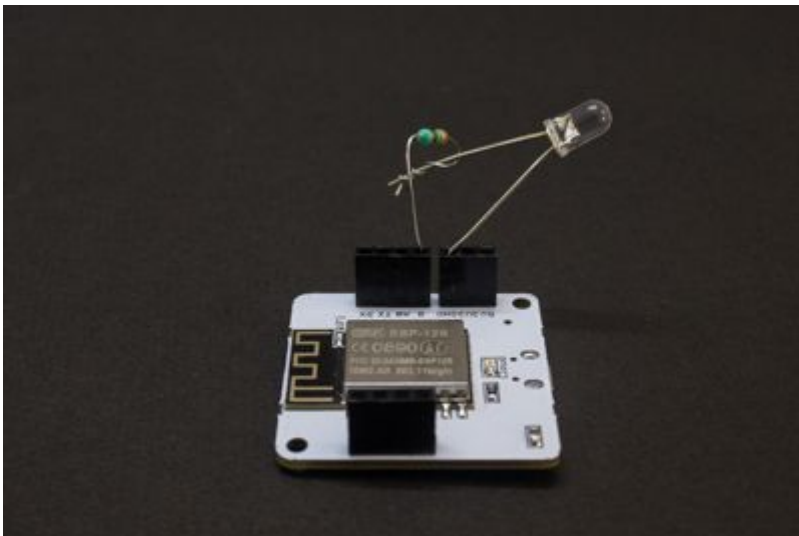
Step 1: Take one leg of the resistor and wrap it around the longer leg of the LED i.e positive leg. This resistor helps limit the current flowing through the LED and protects the LED and the Bolt from short circuits.



Step 2: Insert the negative leg of the LED into the ground pin of the Bolt.



Step 3: Insert the other leg of the resistor in digital pin 0 of the Bolt.



That's it. In the next lesson, we will learn how to write code to control the LED over Bolt Cloud.