



Introduction

Button and LED is not a new concept. We do operate several electrical appliances with buttons at our home which provide us the controlling of that particular appliance. In this project we will be controlling the LED with button integrated with the Raspberry Pi. We

Things You Need

Breadboard for prototyping

Light Emitting Diodes (LEDs)

Button

Resistors

Jumper Wires

Raspberry Pi

Power Adapter

Keyboard & Mouse

LCD Along With the HDMI Cable

How to Build

The positive (anode) leg of the LED is connected to GPIO23 and the negative (cathode) leg is connected to a 100 Ω

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The positive (anode) leg of the LED is connected to GPIO23 and the negative (cathode) leg is connected to a 100 Ω resistor.

On right side of button positive voltages is applied through a red wire which is connected to power pin on raspberry pi.

Whereas the left side of button is connected to a 330 Ω resistor, which goes to ground as shown in the picture and GPIO18 at the same time.