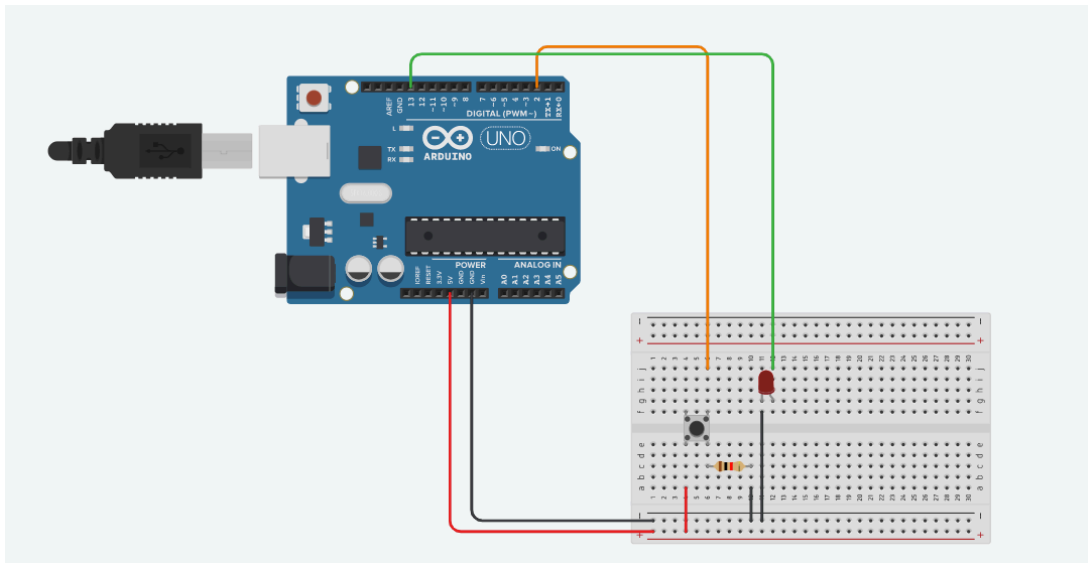


Circuit Diagram — —>



Theory — —>

in this experiment we have to create a L.E.D glowing system for a car stereo in which when we press the VOLUME UP button the RED L.E.D glows.

Concept Used :

A **push-button** or simply **button** is a simple switch mechanism for controlling some aspect of a machine or a process.

A light-emitting diode (**LED**) is a semiconductor device that emits visible light when an electric current passes through it.

Learning & Observations:-

in this experiment we learned about the working of a push button switch and about the working of the led.

Problems & Troubleshooting:-

making the circuit more presentable was a problem but making the connections neat and creatively solved this problem.

and making the video of the required size was also a problem this was solved by compressing the video .

Precautions:-

- taking the value of resistance right.
- making clear connections to avoid errors.
- carefully coding to avoid compile time errors.

Learning Outcomes:-

time management.