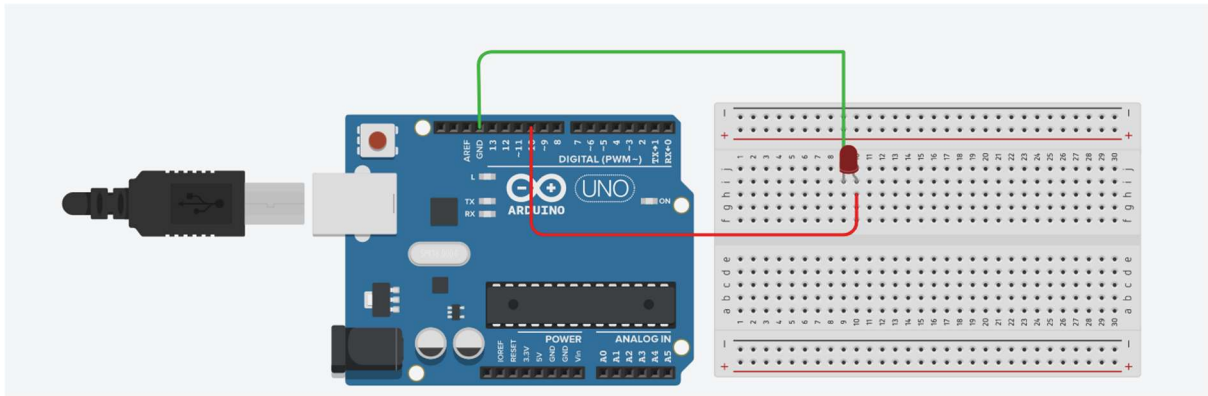


# Experiment-2

## DESIGN AN LED FLASER

### DIAGRAM



## Theory:

### CONCEPT USED:

- By using kirchoff's voltage law.
- By using kirchoff's current law.

## LEARNING AND OBSERVATIONS:

- Connections in Breadboard and wiring.
- How to control arduino and its coding.
- Use of multimeter for continuity.

## OBSERVATION:

- Blinking of an LED.

➤ Relation between software and hardware.

## **PROBLEMS & TROUBLESHOOTING:**

- o To select the right port and type of Arduino.
- o To check the loose connections.
- o To check the connections according to the codes
- o To check the continuity of the circuit
- o To check the flow of current in the circuit .

## **OUTCOMES:**

- o On and Off of an LED.
- o Used in project works

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