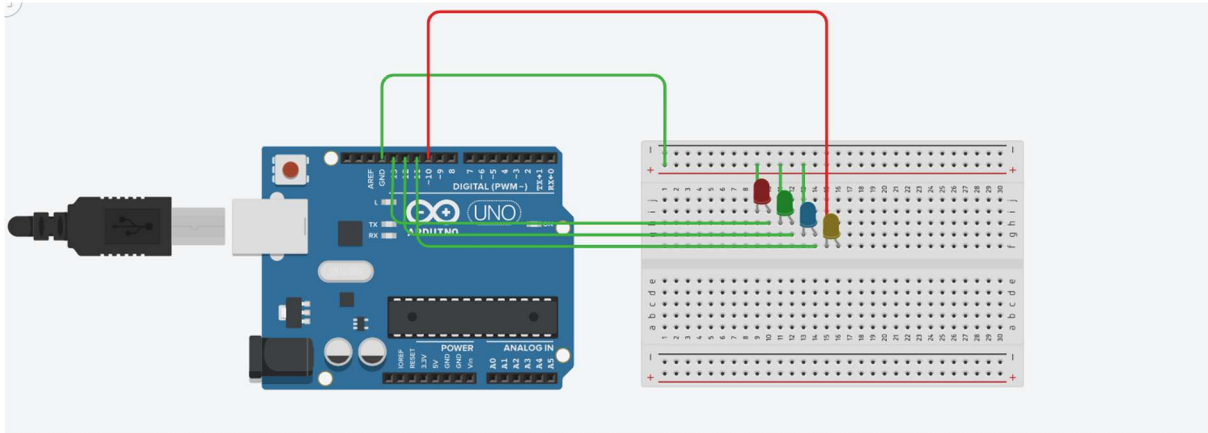


# Experiment-2

## DESIGN AN LED CHASER



## Theory:

### CONCEPT USED:

- By using kirchoff's voltage law
- By using kirchoff's current law
- Series or parallel connections

## LEARNING AND OBSERVATIONS:

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

## OBSERVATION:

- Blinking of leds in a pattern and in chasing form.

➤ 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 LEDs glows in a chasing pattern
- o It can be used as for decorating purpose

**Created By- Name: Abhishek Dawar**

**ROLL NO: 19BCS4578**

**Stream: CSE(IOT 1B)**