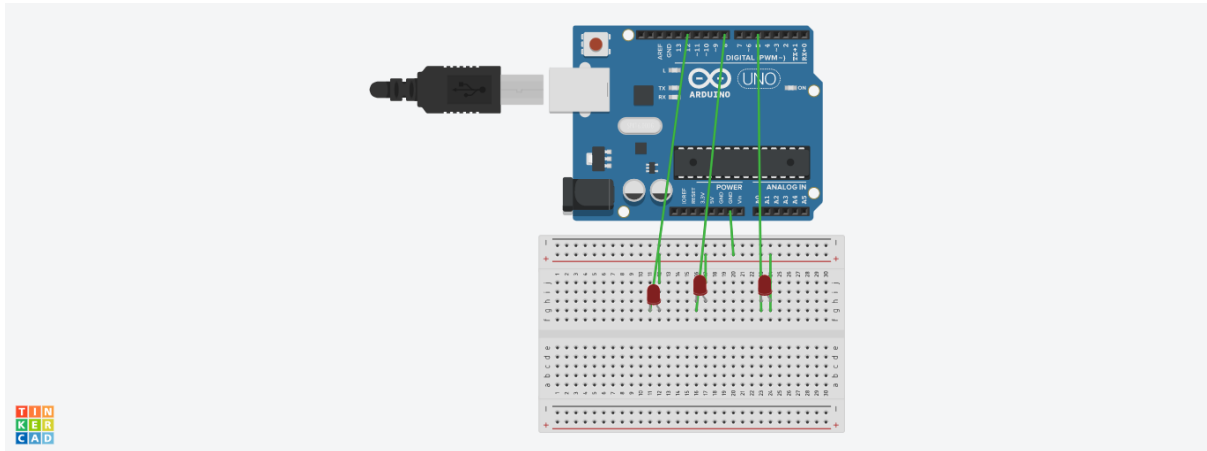


Exp. 2 Design an LED Chaser

Circuit Diagram:



Theory

Concept Used : In led chaser ,The LEDs lights one by one for a period of 1second and the cycle repeats giving the running light appearance.

Learning & Observations:

The led light glow one by one as shown like one chasing other.

Problems & Troubleshooting:

- 1- Problem in fixing wire from bread board to arduino.
- 2- Problem in doing arduino programming.

Precautions:

- 1- Correct connection of negative and positive terminal of led.
- 2- Don't put arduino near water.
- 3- Check the USB port of computer is working .
- 4- Check the arduino software and select the correct port (in which arduino is connected).

Learning Outcome:

- 1- LED light glow in the sequence of 12,8,5.
- 2- Arduino function as a controller in led chaser.
- 3- Bread board is used to organize the circuit.



