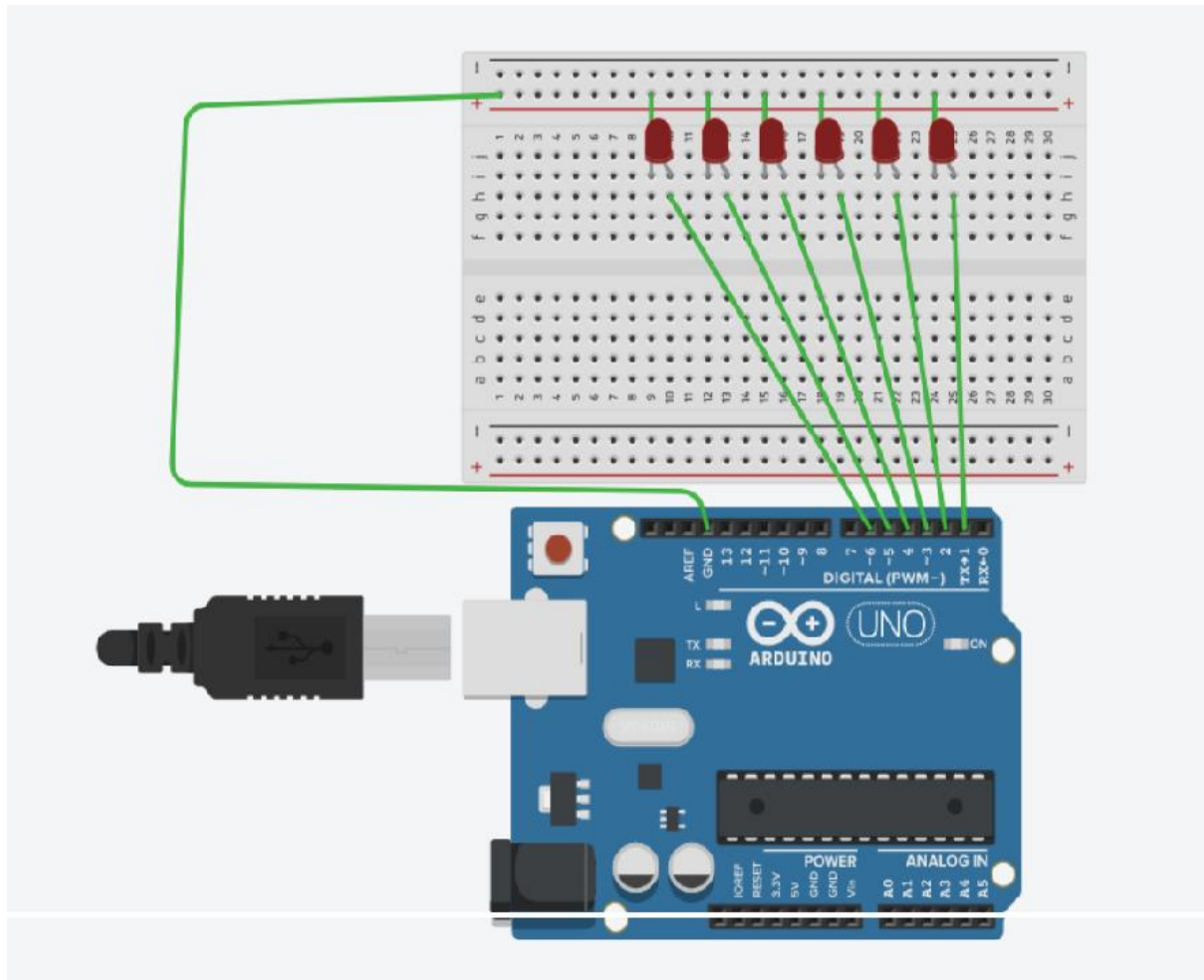


EXPERIMENT : 1 LED FLASHER

DIAGRAM:-



THEORY:

CONCEPT USED- The concept of the following experiment is state as, the six LEDs will blink all together. Then they all delay for a few time, then again get off for a while. This thing will go continuously.

LEARNING AND OBSERVATIONS-

- ➔ There is no need of any resistor while working we led on arduino to reduce power supply.
- ➔ We learn how to code in arduino.
- ➔ We learn about the use of all basic functions and for loop.

PROBLEMS AND TROUBLESHOOTING –

- ➔ At the coding process we have to precisely use the delay function.
- ➔ While during connections it is important to do all connection in a sequence manner otherwise for loop will not be used while during program.

PRECAUTIONS -

- ➔ Wiring should be done properly,neatly.
- ➔ Do not use excess wires try to reduce number of wires used.
- ➔ Program should be written without giving delay between last led off and next led on.

LEARNING OUTCOMES –

We learn to code and how to make circuit using arduino.