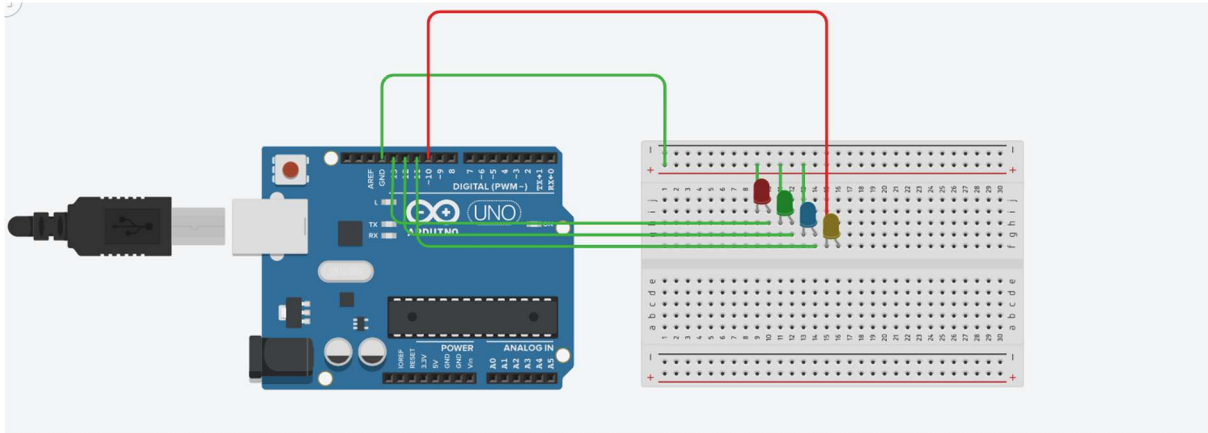


Experiment-2

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

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