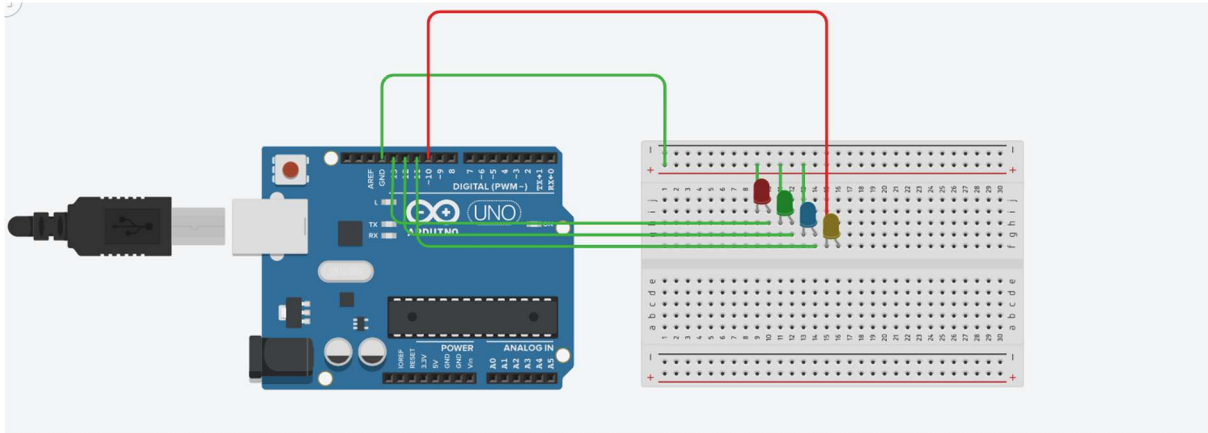# Experiment-2

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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