

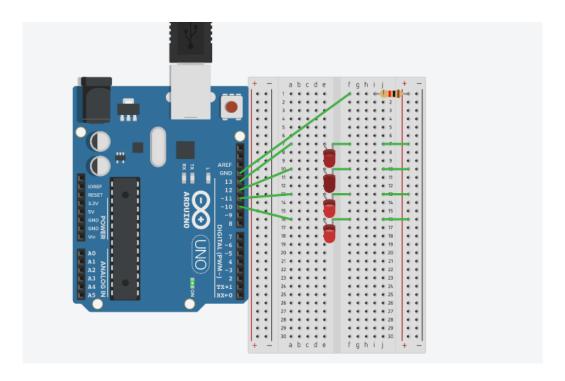
DESIGN AN LED CHASER

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Experiment 2

Circuit Diagram:



Theory:

Concept Used:

- Kirchhoff's Voltage Law
- Kirchhoff's Current Law
- Series & Parallel Connections

Learning and Observation:

Learning:

• Connections in Breadboard & Wiring

- Making Circuits with Arduino Coding
- Use of Multimeter for continuity

Observations:

• Blinking of LEDs in a chasing form

Problems and Troubleshooting:

- Select right port and Arduino type
- Check for loose connections
- Check the continuity of the circuit

Precautions:

- Don't connect Arduino till the circuit is complete
- Make sure the LEDs are workable

Learning Outcomes:

LEDs glow in a chasing pattern