DESIGN AN LED Chaser.

Circuit diagram:

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**

PRECAUTIONS:

o **Handle tools carefully**
o **Wear gloves**
o **Do not connect arduino till the circuit is complete**

OUTCOMES:

o **LEDs glows in a chasing pattern**
o **It can be used as for decorating purpose**

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