



SUBJECT : Basic Electrical and Engineering Lab
SUBJECT CODE : ELP 118

SUBMITTED BY :

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BRANCH : BE CSE(IOT)

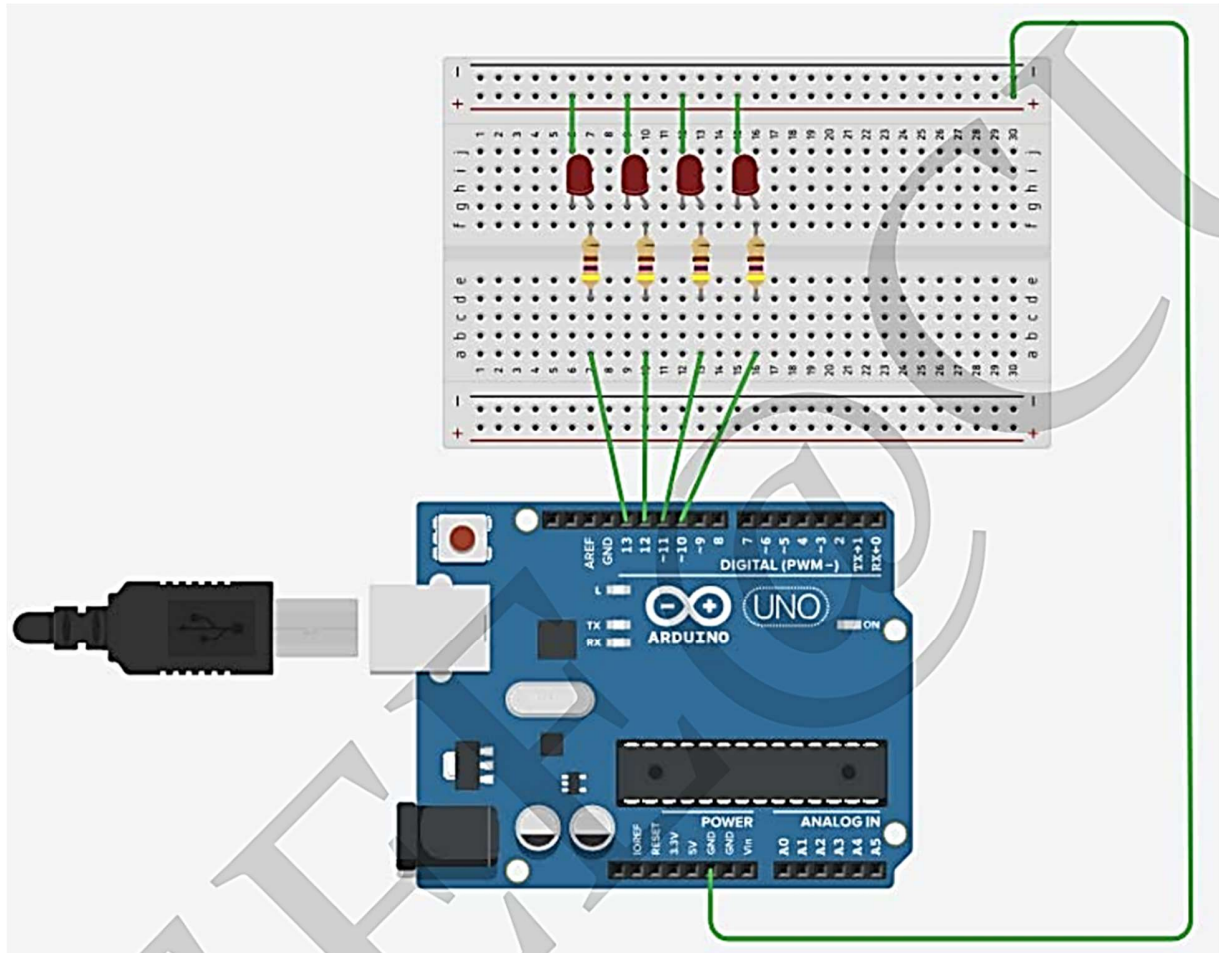
SECTION : IOT 1 ,GROUP A

SUBMITTED TO :

ANSHUL SHARMA

Exp 3 Design Christmas dual led chaser lights

Circuit Diagram :



THEORY

For making Dual LED chaser we require an Arduino Board , led's and resistor.

Concept Used:

First open the Arduino IDE by double click on the icon where it is saved.

Second goto tools option then board option and select the desired board.

Third again goto tools then port and the port where you connected the Arduino board.

Learning and observations:

We have learned many skill by this experiment

How to make dual led chaser by the device Arduino uno and the code use for making dual LED chaser.

Problem and Troubleshooting:

Sometime program is compiled successfully but not upload in the Arduino board . It can be over come by checking the selected desird board and the port if not resolved then change the data cable.

Precautions:

- 1 Make sure that the area where you are performing the experiment must dry .
- 2 Make sure the board and port both are selected correctly.

Learning Outcomes:

Learned how the Christmas lights made and how to make Dual LED chaser with Arduino uno.