



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

SUBMITTED BY :

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BRANCH : BE CSE(IOT)

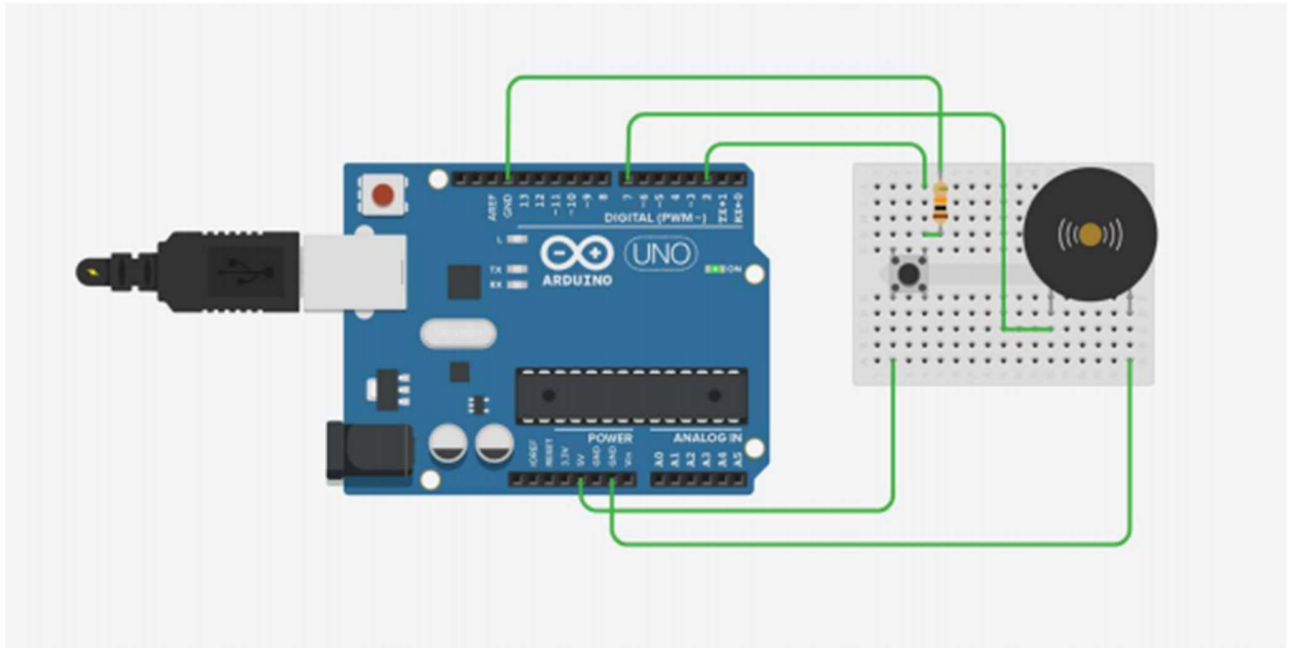
SECTION : IOT 1 ,GROUP A

SUBMITTED TO :

ANSHUL SHARMA

Exp 4 Design a door bell using push button.

Circuit Diagram :



THEORY

For making Door bell we require an Arduino Uno, Bread Board , door bell, resistor, connecting wires and push button.

Concept Used:

As we know that the current flows towards low resistance so that same concept we used here in making circuit with pushbutton ,Here we have to introduce a resistor in between the ground and terminal of pushbutton further it will connect to input pin and connect other terminal of switch to 5V.

Learning and observations:

We have learned many skill by this experiment

How to ring the door bell and how long it will ring and the circuit of door bell using push button.

Problem and Troubleshooting:

Sometime program is compiled successfully but not upload in the Arduino board . It can be over come by checking the selected desired 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 door bell circuit made and how its works.