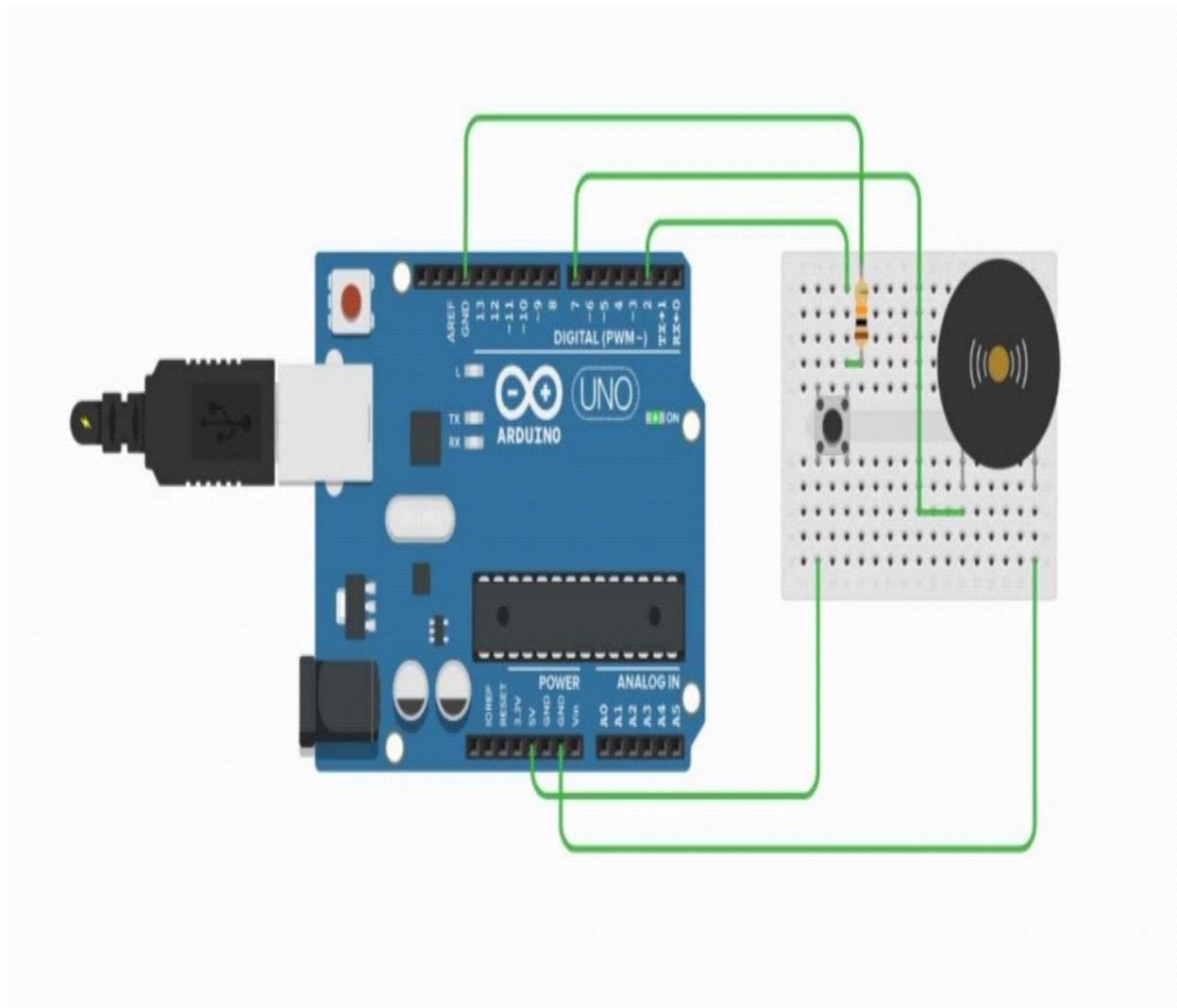# EXPERIMENT-4.

PUSH BUTTON SWITCH INTERFACE-DOOR BELL CONTROL

AIM-_Design a door bell using push button._

APPARATUS-_Arduino,Resistance 470 ohm,wires,breadboard,push button_

CIRCUIT DIAGRAM:

THEORY

CONCEPT USED:-

- *We have used pushbutton as a switch*

- *Each time you press the button,the bell will start making noise.*

Learning and observation:-

- *I have learned how we can use switch to operate different devices.*

Problem and troubleshooting:

- *Port selection should be done properly where you have connected arduino to the system .*

- *connections were loose.*

- *switch was not   working.*

Precautions:

- *Make sure the connections are proper.*

- *Select the appropriate port.*

- *Make sure the connections are not loose.*

Learning outcome:

- *I learned how we can use a simple switch to make a door bell.*

- *I also   gained some basic knowledge of arduino.*