**EXPERIMENT-4.**

**PUSH BUTTON SWITC INTERFACE-DOOR BELL CONTROL**

**AIM-**Design a door bell using push button.

**APPARATUS*-*** Arduino ,Resistance 470ohm ,wires ,breadboard ,push button.

**CIRCUIT DIAGRAM:**

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**THEORY**

**CONCEPT USED:-**

We have used push button 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.