# MATERIALS AND EQUIPMENT

The following materials and equipment were used to complete the experiment on Arduino Basics and LED Blinking:

1. Arduino Uno Board

2. LED

3. Resistor

4. Connecting Wires

5. Breadboard

6. Arduino IDE (Software)

# PROCEDURE

The following steps were followed to complete the experiment and control the LED using the Arduino board:

1. Connect the Arduino Uno board to the computer using a USB cable.

2. Insert the LED into the breadboard and connect one leg to pin 13 on the Arduino.

3. Connect the other leg of the LED to the ground (GND) through the resistor

4. Open the Arduino IDE on the computer and create a new sketch.

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6. Write the code to blink the LED, upload the code to the Arduino board using the "Upload" button in the IDE and observe the LED