**LAB REPORT 0**

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Components:

* LED – Stands for Light Emitting Diode. Can only be powered one way. We needed to use a resistor to lower the voltage that the LED was receiving.
* Resistor - …

Summary:

* We created a simple circuit to test out the Arduino and get comfortable with the IDE. First, we connected the resistor and LED to the breadboard. We put one leg of the resistor in row 3 by itself and the other in row 5. We put one leg of the LED in row 5 and the other in row 7. We then connected the 5V power to row 3 and ground to row 7 creating a full circuit. The LED was continuously on at the same brightness.

Results:

* We did not use serial monitor for this lab

Conclusions:

* We learned how wires connect on the breadboard.
* We were surprised to learn that diodes only work in one direction.
* Originally we didn’t use a resistor and our led burnt out.

Code:

* copy and paste your code.