



PAMANTASAN NG LUNGSOD NG MAYNILA
(University of the City of Manila)
Intramuros, Manila

Microprocessor Lab

Laboratory Activity No. 1
Familiarization with TinkerCAD



Score

Submitted by:
Salazar, HaroldJohn C.
<Saturday 1-4> / <4-2>

Date Submitted
16-09-2023

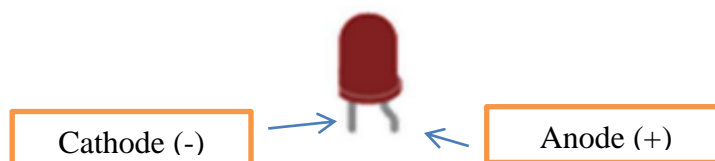
Submitted to:
Engr. Maria Rizette H. Sayo

1. Exercise

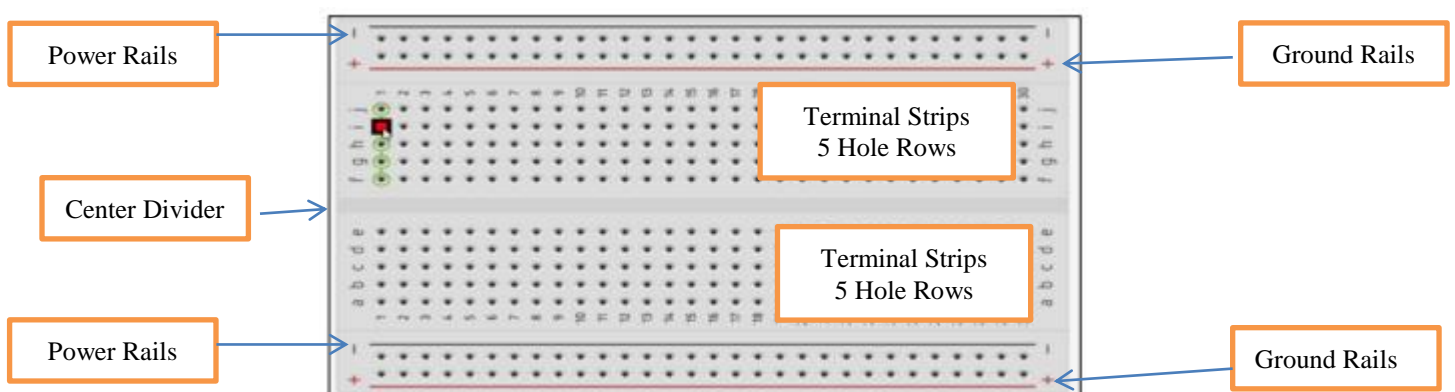
- A process in Tinkercad where we can develop electronic circuits that can be quickly updated, modified and tested is called _____ Prototyping Process _____.
- In Tinkercad, _____ Simulation___/Start Simulation_____ tests the working of the circuits and the components.
- The device used to assemble and connect the various components is known as _____ breadboard_____
- In an electronic circuit with LED, the positive end of the circuit should be connected to _____ anode_____ and negative end should be connected to _____ cathode_____ of the LED.
- A _____ resistor_____ is used to restrict the flow of current to electrical components

2. Label the following:

- Anode and Cathode in a LED



- Different parts of breadboard



- c. List the electronic components used in a circuit assembly

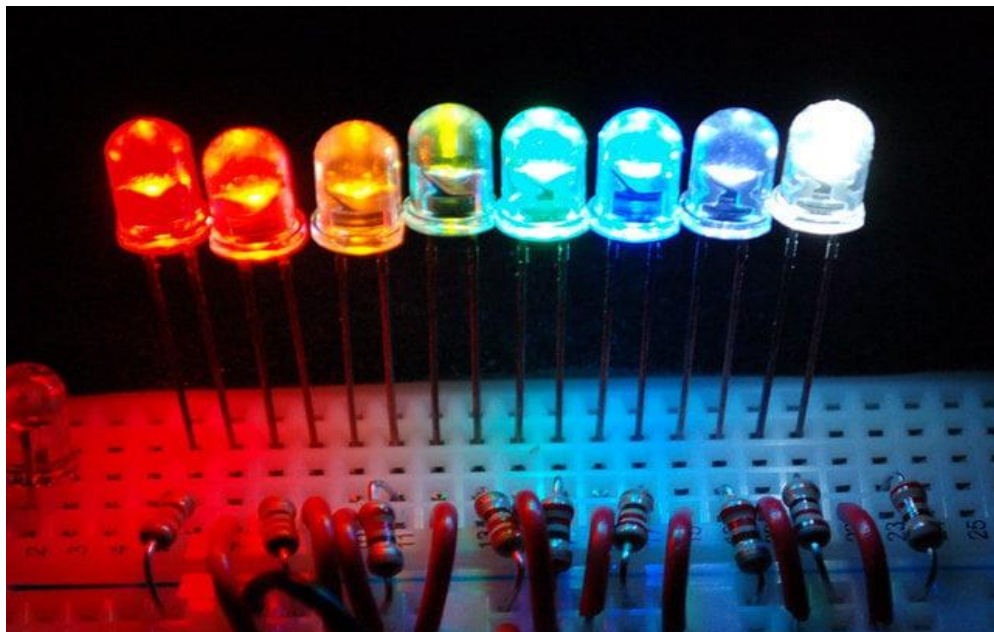
Resistors



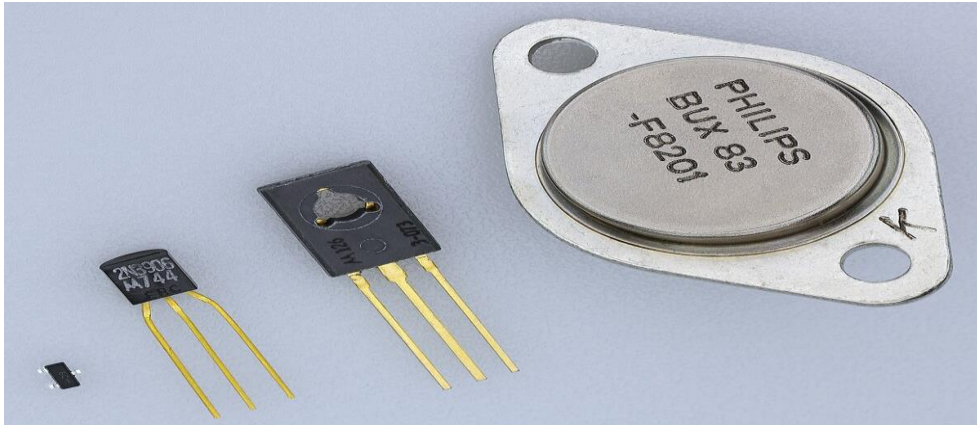
Capacitors



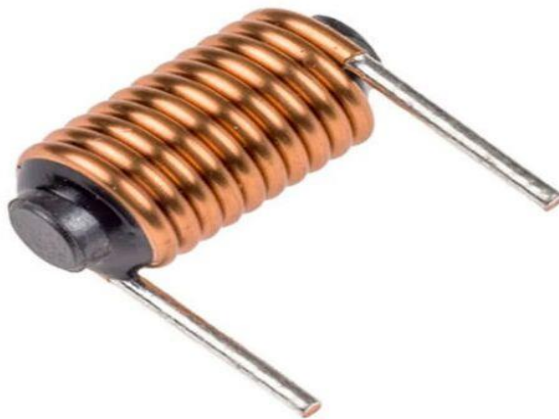
LEDs



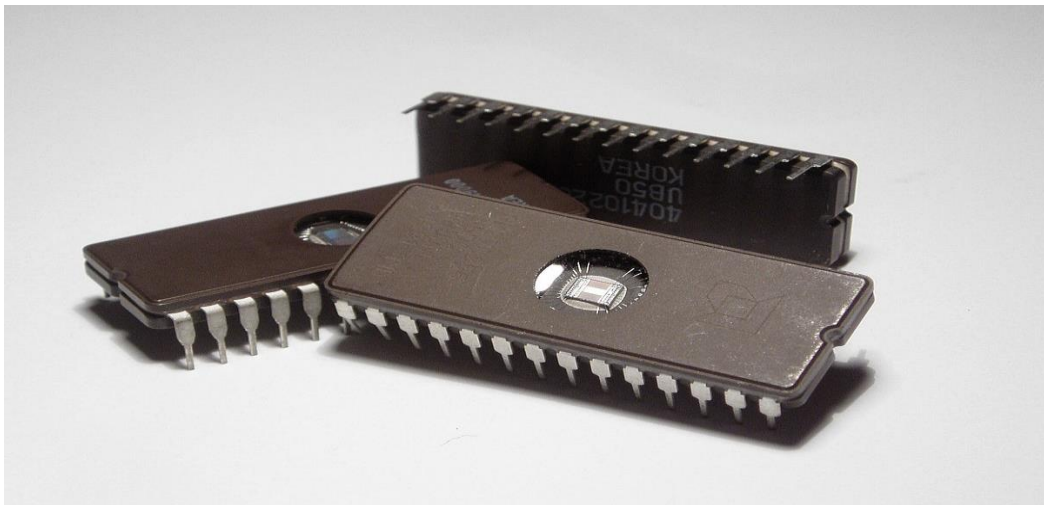
Transistors



Inductors



Integrated Circuits



Diodes

