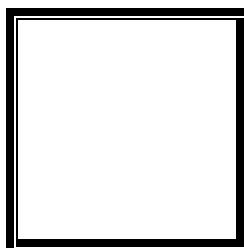




PAMANTASAN NG LUNGSOD NG MAYNILA
(University of the City of Manila)
Intramuros, Manila

Microprocessor Lab

Laboratory Activity No. 1
Familiarization with TinkerCAD



Score

Submitted by:
Rodriguez, Ralph Emmanuel D.
Saturday 1-4PM / CpE 0412-2

Date Submitted
16-09-2023

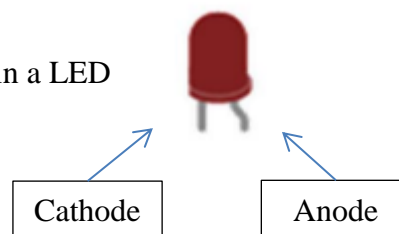
Submitted to:
Engr. Maria Rizette H. Sayo

1. Exercise

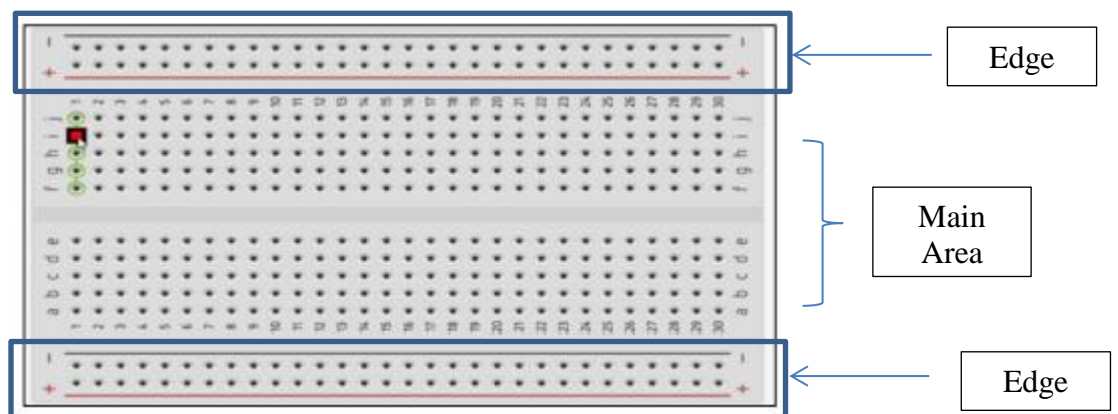
- a. A process in Tinkercad where we can develop electronic circuits that can be quickly updated, modified and tested is called prototyping process.
- b. In Tinkercad, start/stop simulation tests the working of the circuits and the components.
- c. The device used to assemble and connect the various components is known as breadboard.
- d. 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.
- e. A resistor is used to restrict the flow of current to electrical components

2. Label the following:

- a. Anode and Cathode in a LED



- b. Different parts of breadboard



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

- Resistors
- Capacitors
- Transistors
- LED
- Inductors