



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:
Ambalan, John Ace P.
<Saturday 1:00-7:00pm> / <CpE 412-2>

Date Submitted
09-16-2023

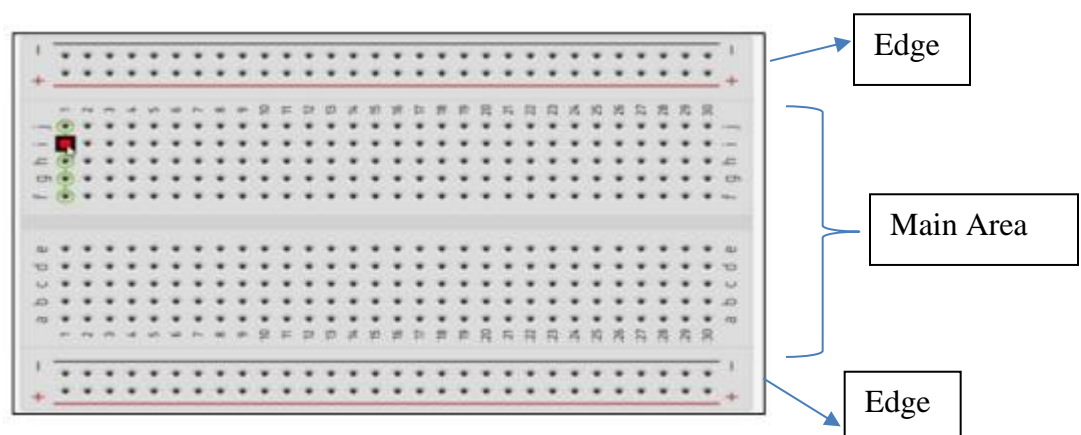
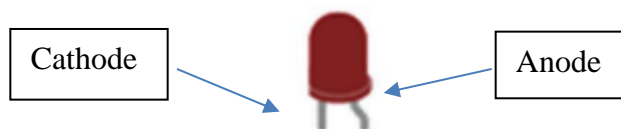
Submitted to:
Engr. Maria Rizette H. Sayo

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, the start/stop 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



- List the electronic components used in a circuit assembly
 - 1.Arduino uno r3
 2. Potentiometer
 3. breadboard
 4. Resistor 1kohms
 5. LED
 6. jumper wire