

Lab Assignment 1

1) Interfacing 4-Digit 7-Segment Display with Arduino tinkercad

2) Temperature Monitoring System with a Piezo Buzzer using Tinkercad

Components Required: 3-LEDs(Red,Green, Yellow), Temperature Sensor, Piezo Buzzer

if Temperature<25 then Green LED should glow

if Temperature>25 and Temperature<50 then Yellow LED should glow

if Temperature>50 then RED LED should glow and buzzer should on.

3) Print Keypad Value on LCD with Arduino

Screenshots of code(code+block), Screenshots of design and working

Mail the link to respective TAs