MICROCONTROLLERS AND MICROPROCESSORS

Assignment 1

Mis : 111909002

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# Q1. Write a C program to switching ON and OFF individual LED’s with software delay of 10ms.

## Code

## Simulation output

# Q2 Write a C program to blink individual LED’s and make the Blinking led to move left to right and right to left continuously.

## Code

## Simulation output

# Q3 Write a C program to display 00 to 99 on common Anode (CA) type 7-seg displays. (Use the 2 digit)

## Code

## Simulation output

# Q4 Write a C program to count 000 to 999 (Use 3-digit multiplex CA displays.

## Code

## Simulation output

# Q5. Write a C program to display “Embedded Lab” on 16x2 LCD.

## Code

## Simulation output

# Q6. Write a C program to display digital clock on 16x2 LCD display. (Hr: mm: ss)

## Code

## Simulation output

# Q7. Write a C program to show different name on the LCD for Different keys.

For ex: for key1 hello

key2 world etc

**Deadline: Sep. 23, 2021.**

## Code

## Simulation output