

Assignment 1

Q1:

Aim: Write and implement a program to ~~READ~~ FLASH or SCROLL 3 LEDs continuously

Apparatus: 3 LEDs, Arduino UNO board, connecting wires.

Algorithm:

1. Set pinmode to output to led1=13, led2=12, led3=8 in setup() function.
2. First turn on all leds with digital write to HIGH on all 3 leds.
3. In the next 3 consecutive steps turn off each LED with digital write to LOW with a delay of 2500ms between each digital write. After this all 3 LEDs must be in LOW state.
4. In the next 2 consecutive steps turn on LED2 & led3 to HIGH with delay of 500ms.