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/*
 * This program is to test I2C LCD Display interfacing with Arduino
 *
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 *
 * Connect Vcc of Lcd module to Vcc of Arduino board
 * Connect Gnd of Lcd module to Gnd of Arduino board
 * Connect SCL pin of Lcd module to A5 pin of Arduino board
 * Connect SDA pin of Lcd module to A4 pin of Arduino board
 *
 * Upload the code and check Led Blinking.
 */
#include <Wire.h>
#include <LiquidCrystal_I2C.h>

LiquidCrystal_I2C lcd(0x27, 16, 2);    //Start from the address hex value
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void setup()
{
    lcd.begin();                      //initialising the lcd
    lcd.backlight();
    lcd.print("WELCOME To");          //Message will be printed
    delay(100);
    lcd.setCursor(0,1);
    lcd.print("UTD Internship");
    delay(3000);
}

void loop()
{
    lcd.clear();                      //Previous Buffers will be cleared
    lcd.print(" You Connected ");
    lcd.setCursor(0,1);                //Sets the cursor to 0th row and 1st
column of Lcd
    lcd.print("    I2C - LCD    ");
    delay(2000);                       //Delay of 2sec
    lcd.clear();
    lcd.print("Try It NOW...!");
    delay(2000);
}

```