

/* CODE BY: ONLY INNOVATIVE (YOUTUBE CHANNEL)
COPY THIS CODE IN YOUR ARDUINO IDE AND THEN UPLOAD IT TO YOUR ARDUINO
BOARD*/

```
char data = 0;
void setup()
{
    Serial.begin(9600);           // BAUD RATE FOR SERIAL MONITOR = 9600
    pinMode(13, OUTPUT);         // SET THE LED POSITIVE PIN TO DIGITAL PIN 13 ON
    ARDUINO
}
void loop()
{
    if(Serial.available() > 0)
    {
        data = Serial.read();
        Serial.print(data);
        Serial.print("\n");
        if(data == '1')           // IF INPUT FROM TERMINAL IS EQUAL TO ONE (1)
            digitalWrite(13, HIGH); // THEN TURN ON THE LED
        else if(data == '0')       // BUT IF INPUT FROM TERMINAL IS EQUAL TO ZERO (0)
            digitalWrite(13, LOW);  // THEN TURN OFF THE LED
    }
}
```