Lab 1 : Program 1

Date : 16/09/20
Name of Experiment : LED blink
Aim: To make LED blink on and off.

Hardware :

- Arduino Uno Board
- LED bulb
- A 220 Ohm Resistor

Source Code:

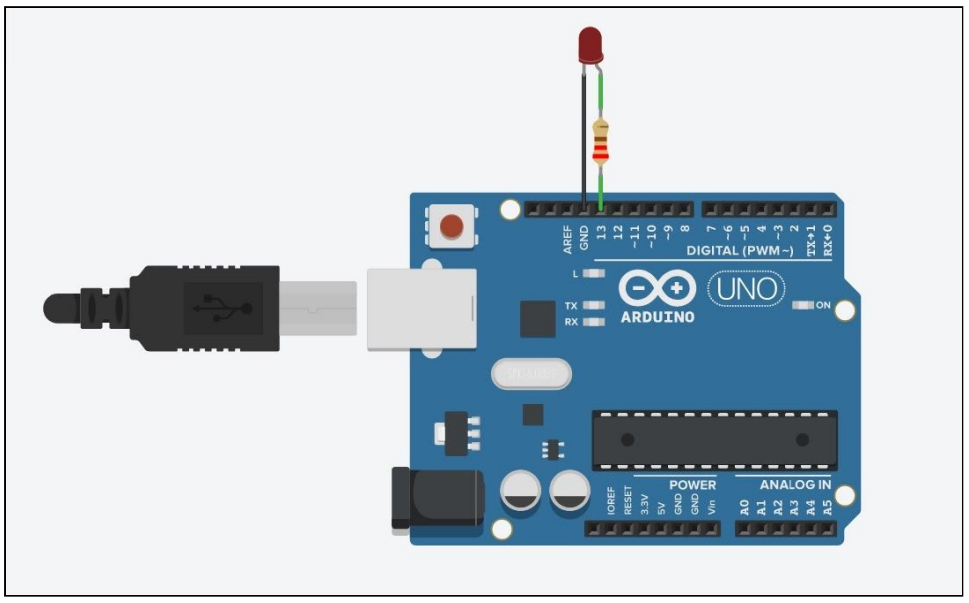
```
int led=13 ;
int led2=12;

void setup()
{
    pinMode(led, OUTPUT);
    pinMode(led2,OUTPUT);
}

void loop()
{
    digitalWrite(led,HIGH);
    digitalWrite(led2,HIGH);
    delay(500);
    digitalWrite(led,LOW);
    digitalWrite(led2,LOW);
    delay(500);
}
```

Observation : The LED blinks once every one second.

Circuit :



Write Up :

IOT LAB - 1 LED Blink 16/9/20

Mohammad Tanvir Shaik

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```
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int led2 = 12;
void setup() {
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}
void loop(){
  digitalWrite(led, HIGH);
  digitalWrite(led2, HIGH);
  delay(500);
  digitalWrite(led, LOW);
  digitalWrite(led2, LOW);
  delay(500);
}
```
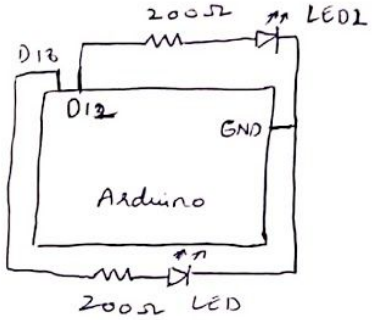

Circuit Diagram:



Observation: Led blinks once every second.