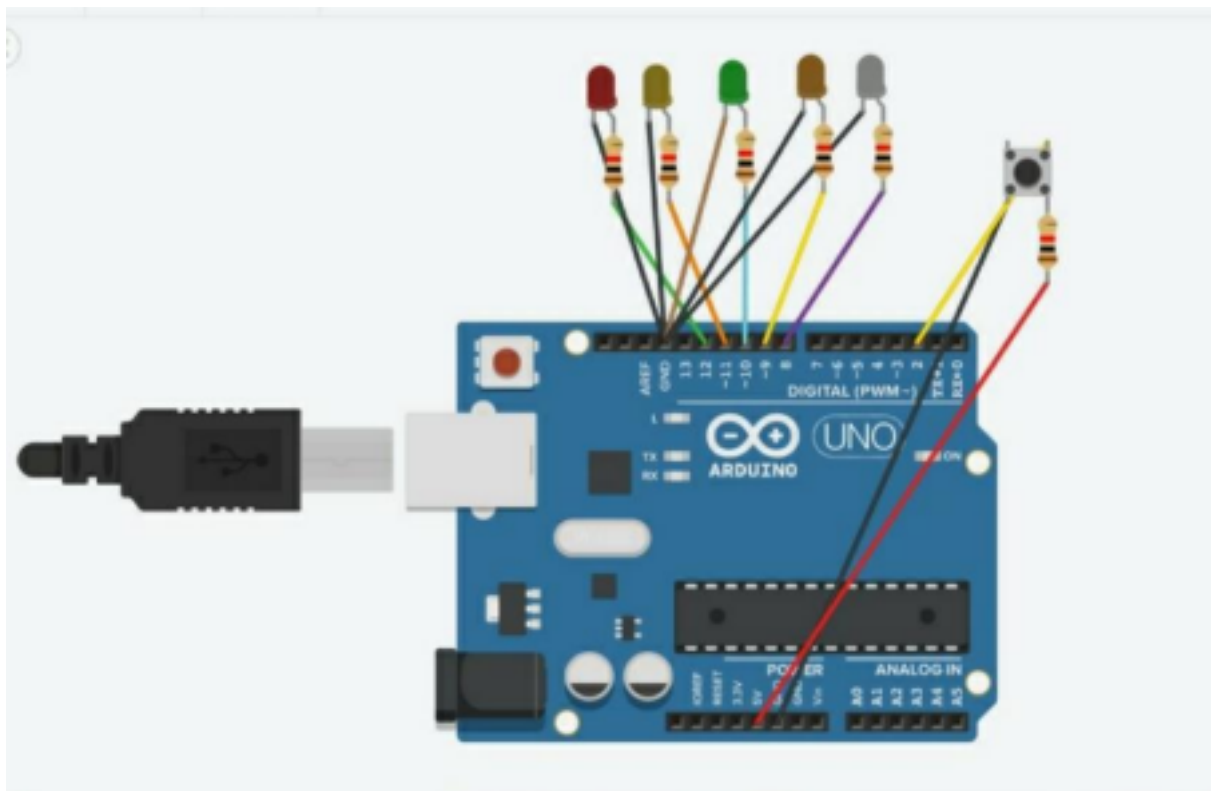# Arduino LED

Name – ESHAN KALP TRIVEDI

Roll no – 16010221038

Div – D

Batch – D2

Code :

```
int led1=12;
int led2=11;
```

```
int led3=10;
int led4=9;
int led5=8;
int button=2;
void setup()

{
pinMode(led1, OUTPUT);
pinMode(led2,OUTPUT);
pinMode(led3,OUTPUT);
pinMode(led4,OUTPUT);
pinMode(led5,OUTPUT);
}

void loop()
{
int buttonState=digitalRead(button);
if (buttonState==0)
{
digitalWrite(led1,HIGH);
delay(500);
digitalWrite(led2,HIGH);
delay(500);
digitalWrite(led3,HIGH);
delay(500);
digitalWrite(led4,HIGH);
delay(500);
digitalWrite(led5,HIGH);
}

else
{
digitalWrite(led1,LOW);
delay(400);
digitalWrite(led2,LOW);
```

```
delay(400);
 digitalWrite(led3,LOW);
delay(400);
 digitalWrite(led4,LOW);
delay(400);
 digitalWrite(led5,LOW);
delay(400);
 }
 }
```