Arduino examples

LED CONTROL IN TINKERCAD
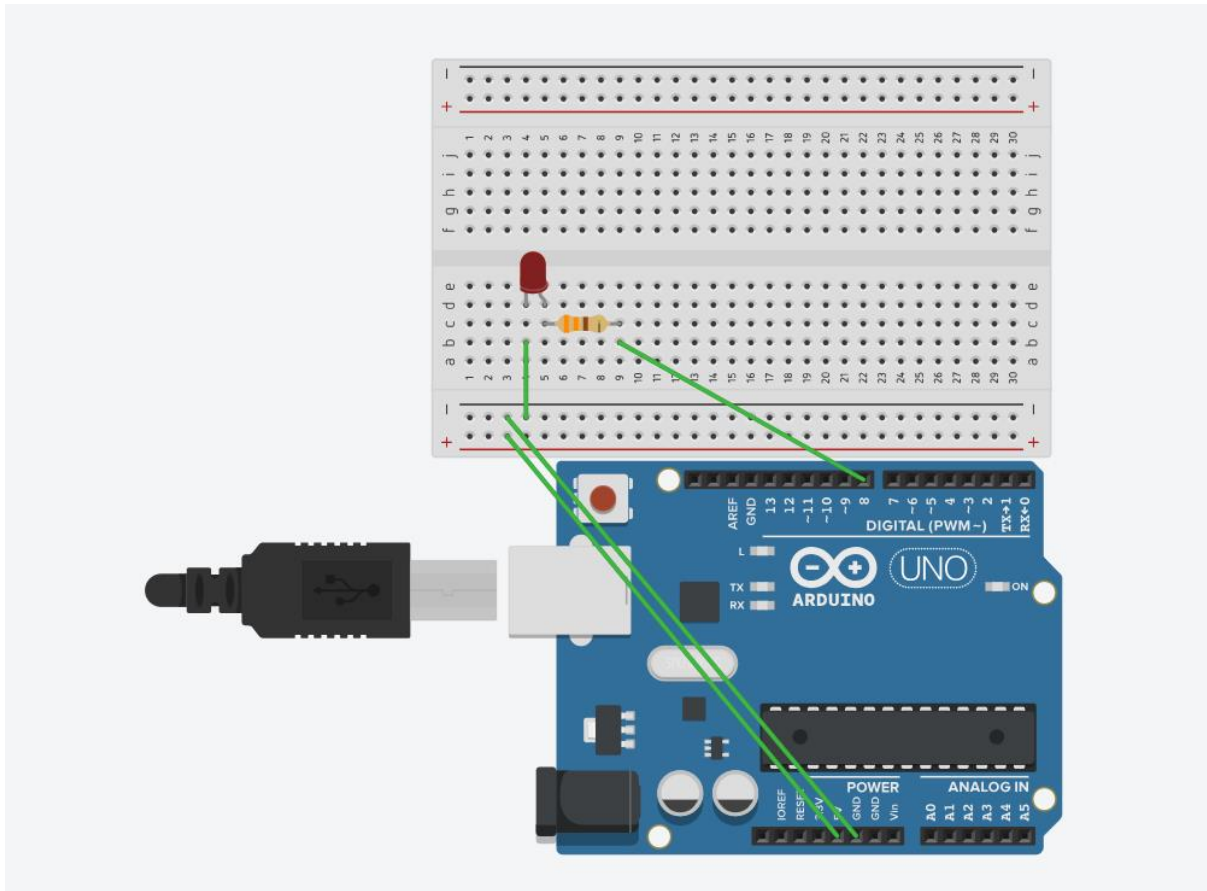
CODE:

```
void setup()

{

  pinMode(LED_BUILTIN, OUTPUT);

}


void loop()

{

  digitalWrite(LED_BUILTIN, HIGH);

  delay(1000); // Wait for 1000 millisecond(s)

  digitalWrite(LED_BUILTIN, LOW);
```
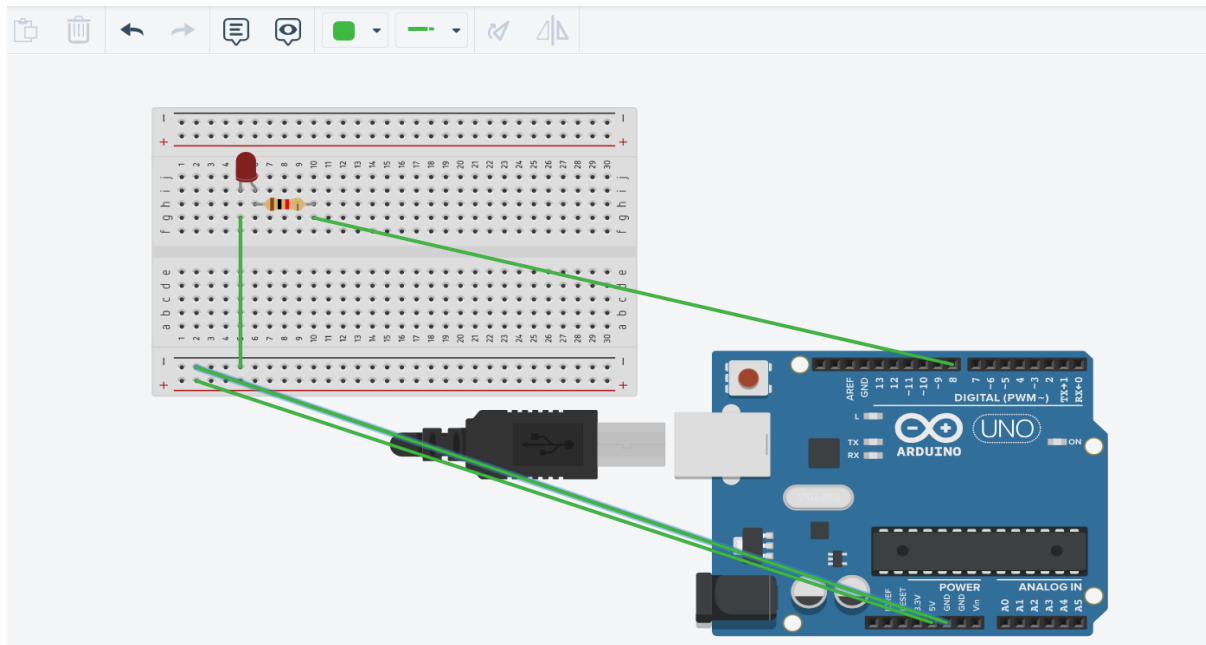
```
   delay(1000); // Wait for 1000 millisecond(s)
}
```

LED CONTROL USING PUSH BUTTON IN TINKERCAD

LED blink with arduino

CODE:

```
int ledPin=8; //definition digital 8 pins as pin to control the LED

void setup()
{
    pinMode(ledPin,OUTPUT);    //Set the digital 8 port mode, OUTPUT: Output
mode
}

void loop()
{
    digitalWrite(ledPin,HIGH); //HIGH is set to about 5V PIN8
    delay(1000);              //Set the delay time, 1000 = 1S
    digitalWrite(ledPin,LOW);  //LOW is set to about 5V PIN8
    delay(1000);              //Set the delay time, 1000 = 1S
}
```