

Program no 3

Program Title Pushbutton

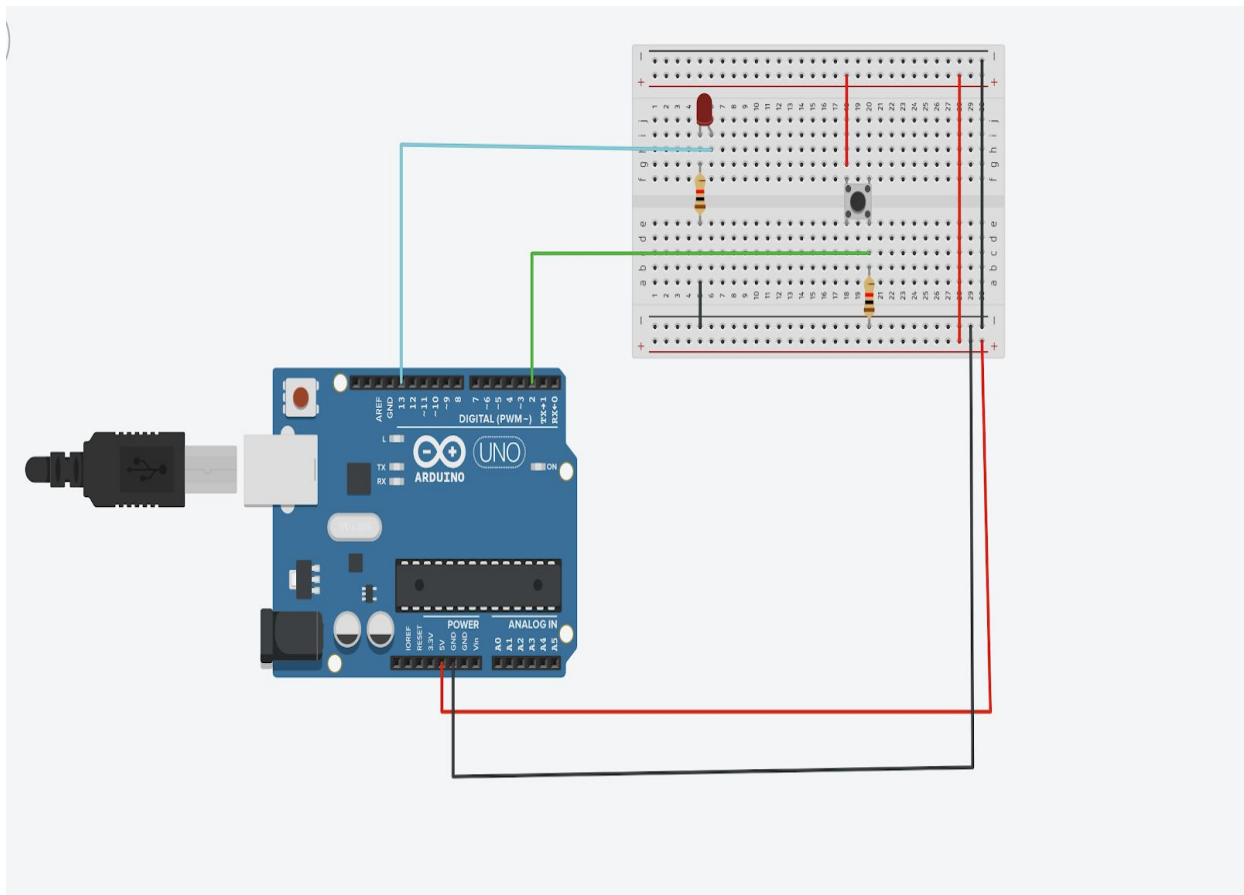
Aim

To push a button and get the light to blink

Hardware Required

- Arduino Board
- push button
- LED light

Circuit Diagram



Code:

```
int pushButton=0;
```

```
void setup()
```

```
{
```

```
  pinMode(13, OUTPUT);
```

```
  pinMode(2, INPUT);
```

```
}
```

```
void loop()
```

```
{
```

```
  pushButton=digitalRead(2);
```

```
  if (pushButton==HIGH){
```

```
    digitalWrite(13,HIGH);
```

```
  }
```

```
  else {
```

```
    digitalWrite(13,LOW);
```

```
  }
```

```
  delay(0);
```

```
}
```

Observation /Output:

The light blinks when you push the button.