

CODE

```
int sensorValue = 0;

void setup()
{

    Serial.begin(9600);

    pinMode(13,OUTPUT);

    pinMode(8,INPUT);
}

void loop() {

    static int button_count = 0;

    sensorValue = analogRead(A0);
```

```
if(digitalRead(8) == HIGH)
```

```
    button_count += 1;
```

```
if(sensorValue < 300)
```

```
{
```

```
    if(button_count % 2 != 0 )
```

```
    {
```

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

```
        delay(500);
```

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

```
delay(500);
```

```
}
```

```
else if(button_count % 2 == 0)
```

```
{
```

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

```
    delay(1000);
```

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

```
    delay(1000);
```

```
}
```

```
}
```

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

```
}
```