```
1  void setup()
2  {
3    pinMode(3, INPUT);
4    pinMode(13, OUTPUT);
5  }
6
7  void loop()
8  {
9    if (digitalRead(3) == HIGH) {
10     digitalWrite(13, HIGH);
11   } else {
12     digitalWrite(13, LOW);
13   }
14   delay(10); // Delay a little bit to improve simulation performan
15  }
```

CODE:-

void setup()

{

pinMode(3,INPUT);

pinMode(13,OUTPUT);

}

void loop()

{

if(digitalRead(3)==HIGH)

{

digitalWrite(13,HIGH);

}

else

```
{
digitalWrite(13,LOW);
}
delay(10);
}
```