

```
import RPi.GPIO as GPIO #import the GPIO library
import time
```

```
GPIO.setmode(GPIO.BOARD)
GPIO.setup(8, GPIO.IN, pull_up_down=GPIO.PUD_UP)
```

```
name = "Ryan"
print("Hello " + name)
```

```
while True:
    if GPIO.input(8):
        print("Door is open")
        time.sleep(2)
    if GPIO.input(8) == False:
        print("Door is closed")
```

```
        time.sleep(2)
```