Assignment -3
PYTHON PROGRMMING

Assignment Date	05 October 2022
Student Name	T. CHAKRI
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Maximum Marks	2 Marks

Question:

Blinking LED & Traffic lights for Rasberry pi using python

Code:

BLINKING LED

```
import RPi.GPIO as GPIO import
time
GPIO.setmode(GPIO.BCM)
GPIO.setwarning(False)
GPIO.setup(18,GPIO.OUT)
{
print "LED on"
GPIO.output(18,GPIO.HIGH)
time.sleep(1)
print "LED off"
GPIO.output(18,GPIO.LOW)
}
```

TRAFFIC LIGHT

```python
from gpiozero import LED,Button
from time import sleep green =
LED(17) red = LED(18) amber =
LED(2) button = button(3)
print("Press the button when you want to cross")
green.on() amber.off() red.off() while True:
print("Wait")    button.wait_for_press()
green.off()    amber.on()    sleep(5)
amber.off()    red.on()    print("Cross now")
sleep(10)
   amber.on()
sleep(5)
green.on()
amber.off()
red.off()
```