

Assignment- 3

Python raspberrypi

date	5-10-2022
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Maximum Mark	2 marks

Question:

What python code for blinking LED and traffic lights for raspberry pi

Solution:

```
import fpi.GPIO as GPIO
import time
GPIO.setwarnings(False)
#set up variables
Green=11
Yellow=10
Red=9

#set up numbering scheme
GPIO.setmode(GPIO.BCM)
#set the mode on the pins to out
GPIO.(red,GPIO,out)
GPIO.(green,GPIO,out)
GPIO.(yellow,GPIO,out)
```

```
#initially turn the lights off
GPIO.output(green,false)
GPIO.output(yellow,false)
GPIO.output(red,false)
```

```
#turn green on for 3 seconds
GPIO.output(green,true)
Time.sleep(3)
```

```
#turn yellow on for 3 seconds
GPIO.output(green,false)
GPIO.output(yellow,false)
Time.sleep(3)
```