Assignment -3
Python Programming

Assignment Date	08 October 2022
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Maximum Marks	2 Marks

Write python code for blinking LED and Traffic lights for Raspberry pi.Only python code is enough, no need to execute in raspberry pi.

Solution:

import random

import time

while (1):

   print ("Traffic light *** RED ON - YELLOW OFF - GREEN OFF")

   time.sleep(10)

   print ("Traffic light *** RED OFF - YELLOW ON - GREEN OFF")

   time.sleep (10)

   print ("Traffic light *** RED OFF - YELLOW OFF - GREEN ON")

   time.sleep (10)

```
Traffic light *** RED ON - YELLOW OFF - GREEN OFF
Traffic light *** RED OFF - YELLOW ON - GREEN OFF
Traffic light *** RED OFF - YELLOW OFF - GREEN ON
Traffic light *** RED ON - YELLOW OFF - GREEN OFF
Traffic light *** RED OFF - YELLOW ON - GREEN OFF
Traffic light *** RED OFF - YELLOW OFF - GREEN ON
Traffic light *** RED ON - YELLOW OFF - GREEN OFF
Traffic light *** RED OFF - YELLOW ON - GREEN OFF
Traffic light *** RED OFF - YELLOW OFF - GREEN ON
```