

**Assignment -3**  
Python Programming

Assignment Date	07 october 2022
Student Name	SANTHOSH.K
Student Roll Number	821219104017
Maximum Marks	2 Marks

**Question-1:**

Write python code for blinking LED and Traffic lights for raspberry pi.

Only python code is enough, no need to execute in raspberry pi.

```
X = "LED BLINK"
```

```
if X == "LED BLINK":
```

```
    print(X)
```

```
u=int (input("Enter the value : "))
```

```
if u == 1:
```

```
    print("RED")
```

```
elif u == 2:
```

```
    print("YELLOW")
```

```
elif u ==3:
```

```
    print("GREEN")
```

```
else:
```

```
    print("INVALID INDEX")
```

```
santhosh.py - C:\Users\Admin\AppData\Local\Programs\Python\Python35\santhosh.py (3.5.1)
File Edit Format Run Options Window Help

X = "LED BLINK"
if X == "LED BLINK":
    print(X)

u=int (input("Enter the value : "))

if u == 1:
    print("RED")
elif u == 2:
    print("ORANGE")
elif u == 3:
    print("GREEN")
else:
    print("INVALID INDEX")

Python 3.5.1 Shell
File Edit Shell Debug Options Window Help

Python 3.5.1 (v3.5.1:37a07cee5969, Dec 6 2015, 01:54:25) [MSC v.1900 64 bit (AMD64)] on win32
Type "copyright", "credits" or "license()" for more information.
>>>
= RESTART: C:\Users\Admin\AppData\Local\Programs\Python\Python35\santhosh.py =
LED BLINK
Enter the value : 1
RED
>>>
= RESTART: C:\Users\Admin\AppData\Local\Programs\Python\Python35\santhosh.py =
LED BLINK
Enter the value : 2
ORANGE
>>>
= RESTART: C:\Users\Admin\AppData\Local\Programs\Python\Python35\santhosh.py =
LED BLINK
Enter the value : 3
GREEN
>>>
= RESTART: C:\Users\Admin\AppData\Local\Programs\Python\Python35\santhosh.py =
LED BLINK
Enter the value : 4
INVALID INDEX
>>> |
```