

**Assignment -3**  
**Python Programming**

Assignment Date	07 october 2022
Student Name	ABINESH S
Student Roll Number	821219106001
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"]
```

```
for x in X:
```

```
    print(x)
```

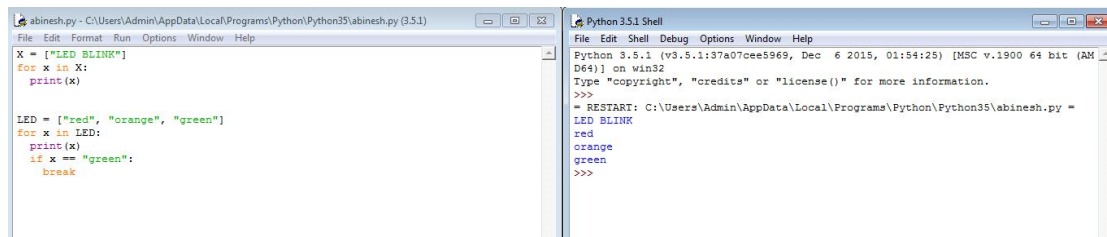
```
LED = ["red", "orange", "green"]
```

```
for x in LED:
```

```
    print(x)
```

```
    if x == "green":
```

```
        break
```



The screenshot shows two windows. The left window is a Python IDE titled 'abinesh.py - C:\Users\Admin\AppData\Local\Programs\Python\Python35\abinesh.py (3.5.1)'. It contains the following code:

```
X = ["LED BLINK"]
for x in X:
    print(x)

LED = ["red", "orange", "green"]
for x in LED:
    print(x)
    if x == "green":
        break
```

The right window is a 'Python 3.5.1 Shell' titled 'Python 3.5.1 Shell'. It shows the execution output:

```
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\abinesh.py =
LED BLINK
red
orange
green
>>>
```