

ASSIGNMENT – 3

Python Programming

| | |
|---------------------|-----------------|
| Assignment Date | 01 October 2022 |
| Student Name | Sharmila.M |
| Student Roll Number | 610819106305 |
| Maximum Marks | 2 Marks |

Question-1:

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

Solution:

```
while True:
    try:
        x = input("Enter value: ")
        stop_light = int(x)
    except ValueError:
        print("Try Again")
    else:
        break

while stop_light <= 30:
    if stop_light >= 1 and stop_light < 10:
        print('Green light')
    elif stop_light < 20:
        print('Yellow light')
    elif stop_light < 30:
        print("Red light")
    stop_light += 1
```