

Assignment -3

Python Programming

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.

Note: you are allowed to use web search and complete the assignment.

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
```

21