

**Professional Readiness for Innovation,
Employability and Entrepreneurship**

ASSIGNMENT-3

***PYTHON CODE FOR BLINKING LED AND
TRAFFIC LIGHTS FOR RASBERRY PI***

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CODING :

```
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
```

OUTPUT :

Enter value: 27
Red light
Red light
Red light

A screenshot of a Python IDE window titled 'xyz.py - C:/Users/Smile/AppData/Local/Programs/Python/Python310/xyz.py (3.10.7)'. The window has a menu bar with 'File', 'Edit', 'Format', 'Run', 'Options', 'Window', and 'Help'. The code editor displays the same Python code as in the 'CODING' block. The output of the program is visible in the bottom panel, showing 'Enter value: 27' followed by three lines of 'Red light'.

Python Shell 3.10.7

File Edit Shell Debug Options Window Help

Python 3.10.7 (tags/v3.10.7:6cc6b13, Sep 5 2022, 14:08:36) [MSC v.1933 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.

>>>

==== RESTART: C:/Users/Smile/AppData/Local/Programs/Python/Python310/xyz.py ====

Enter value: 27

Red light

Red light

Red light

>>>