### Assignment -3

# Python programming

Assignment Date	30 September 2022
Student Name	Kanneluru Divyanjali
Student Roll Number	210619106020
Maximum Marks	2 Marks

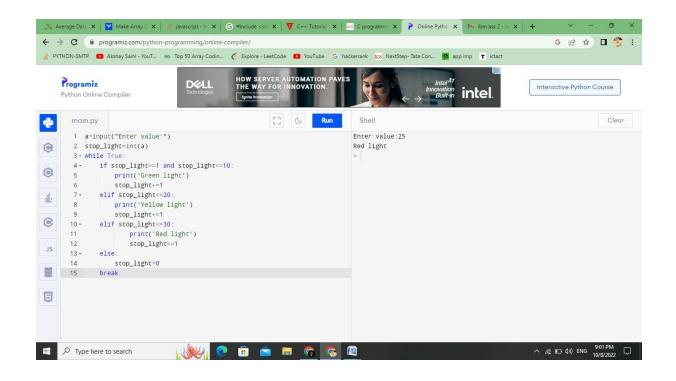
#### Question-1:

Write Python Code for blinking LED and traffic light for Raspberry pi(Only python code)

### SOLUTION:

```
a=input("Enter value:")
stop_light=int(a) while True: if
stop_light>=1 and stop_light<=10:
    print('Green light')
stop_light+=1 elif
stop_light<=20:
print('Yellow light')
stop_light+=1 elif
stop_light<=30:
print('Red light')
stop_light==1 else:
stop_light=0 break</pre>
```

## output:



```
High temperature is detected
Buzzer on, alarm sound is high
High temperature is detected
Buzzer on, alarm sound is high
High temperature is detected
Buzzer on, alarm sound is high
High temperature is detected
Buzzer on, alarm sound is high
High temperature is detected
Buzzer on, alarm sound is high
High temperature is detected
Buzzer on, alarm sound is high
good humidity

High temperature is detected
Buzzer on, alarm sound is high
High humidity is detected
Buzzer on, alarm sound is high
High humidity is detected
Buzzer on, alarm sound is high
High humidity is detected
Buzzer on, alarm sound is high
High humidity is detected
Buzzer on, alarm sound is high
High temperature is detected
Buzzer on, alarm sound is high
High temperature is detected
Buzzer on, alarm sound is high
High temperature is detected
Buzzer on, alarm sound is high
High humidity is detected
Buzzer on, alarm sound is high
High humidity is detected
Buzzer on, alarm sound is high
High humidity is detected
Buzzer on, alarm sound is high
High temperature is detected
High temperature is detected
High temperature is detected
```

