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# Assignment – 3

To write a python code for blinking LED and Traffic lights for Raspberry Pi.

**Software used:**

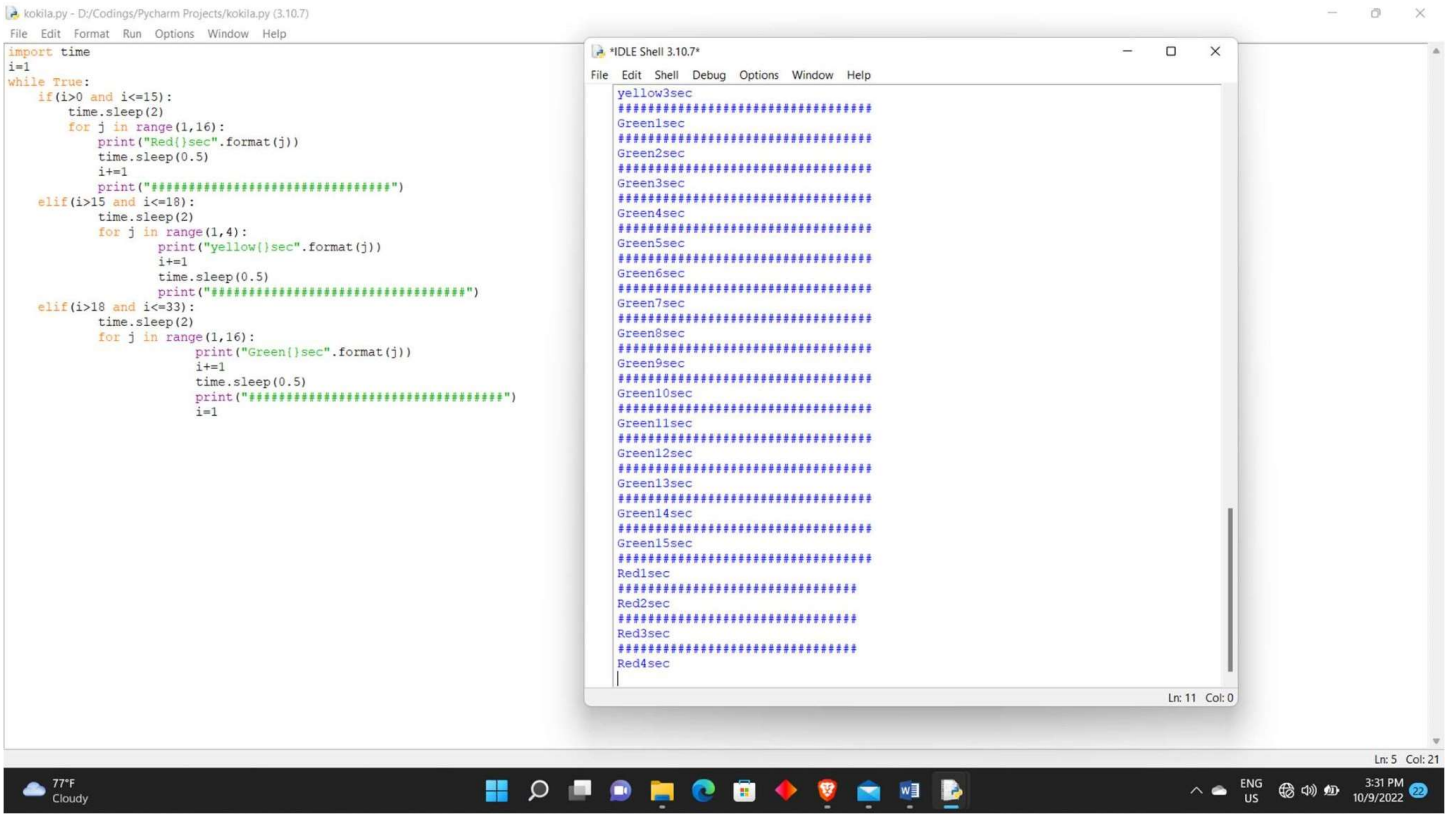
Python IDLE 3.10.7 (64 bit)

**Program:**

```
import time
i=1 while
True:
   if(i>0 and i<=15):
time.sleep(2)        for j in
range(1,16):
print("Red{}sec".format(j))
time.sleep(0.5)            i+=1
          print("####################################")
   elif(i>15 and i<=18):
time.sleep(2)            for j
in range(1,4):
                print("yellow{}sec".format(j))
                i+=1
time.sleep(0.5)
print("#####################
```

```
##############")     elif(i>18
and i<=33):
        time.sleep(2)
for j in range(1,16):
                print("Green{}sec".format(j))
                i+=1
time.sleep(0.5)
                print("#####################################")
                i=1
```

**SIMULATION OUTPUT:**




**Result:**

Thus, I have successfully compiled a python code for blinking LED and Traffic Lights for Raspberry Pi.