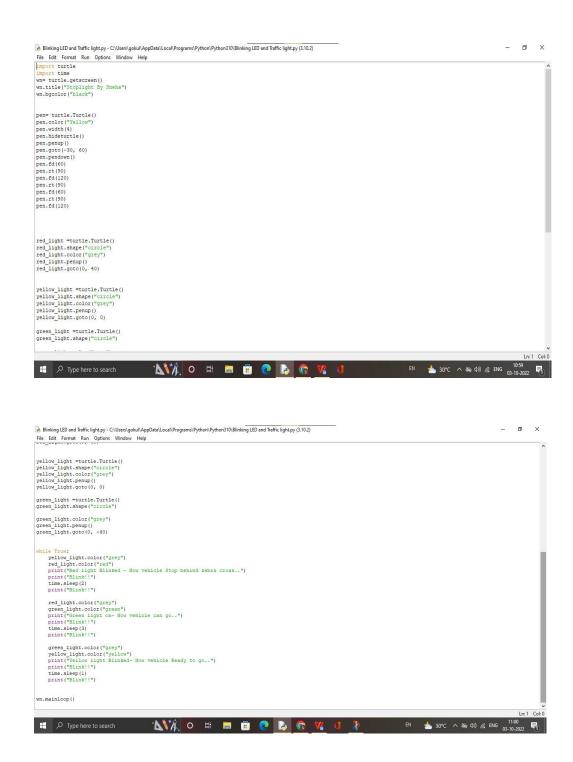
## **ASSIGNMENT-3**

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

```
import turtle
import time
wn=turtle.getscreen()
wn.title("Stoplight By Sneha")
wn.bgcolor("black")
pen= turtle.Turtle()
pen.color("Yellow")
pen.width(4)
pen.hideturtle()
pen.penup()
pen.goto(-30, 60)
pen.pendown()
pen.fd(60)
pen.rt(90)
pen.fd(120)
pen.rt(90)
pen.fd(60)
pen.rt(90)
pen.fd(120)
red light =turtle.Turtle()
red light.shape("circle")
red light.color("grey")
red light.penup()
```

red light.goto(0, 40)

```
yellow_light =turtle.Turtle()
  yellow light.shape("circle")
  yellow light.color("grey")
  yellow_light.penup()
  yellow light.goto(0, 0)
  green light =turtle.Turtle()
  green light.shape("circle")
  green light.color("grey")
  green light.penup()
  green light.goto(0, -40)
  while True:
     yellow light.color("grey")
     red light.color("red")
     print("Red light Blinked - Now vehicle Stop behind zebra
cross..")
     print("Blink!!")
     time.sleep(2)
     print("Blink!!")
     red light.color("grey")
     green light.color("green")
     print("Green light on- Now vehicle can go..")
     print("Blink!!")
     time.sleep(3)
     print("Blink!!")
     green light.color("grey")
     yellow light.color("yellow")
     print("Yellow light Blinked- Now vehicle Ready to go..")
     print("Blink!!")
     time.sleep(1)
     print("Blink!!")
  wn.mainloop()
```



## **OUTPUT:**

