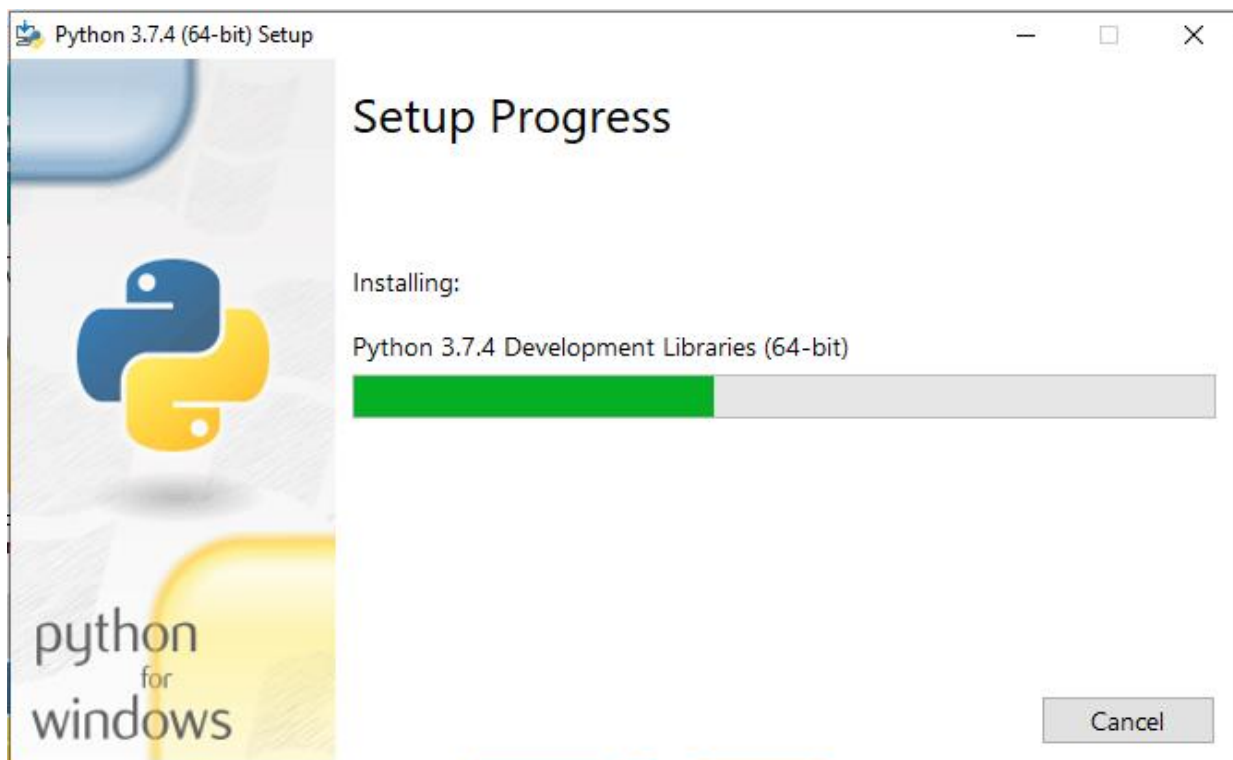
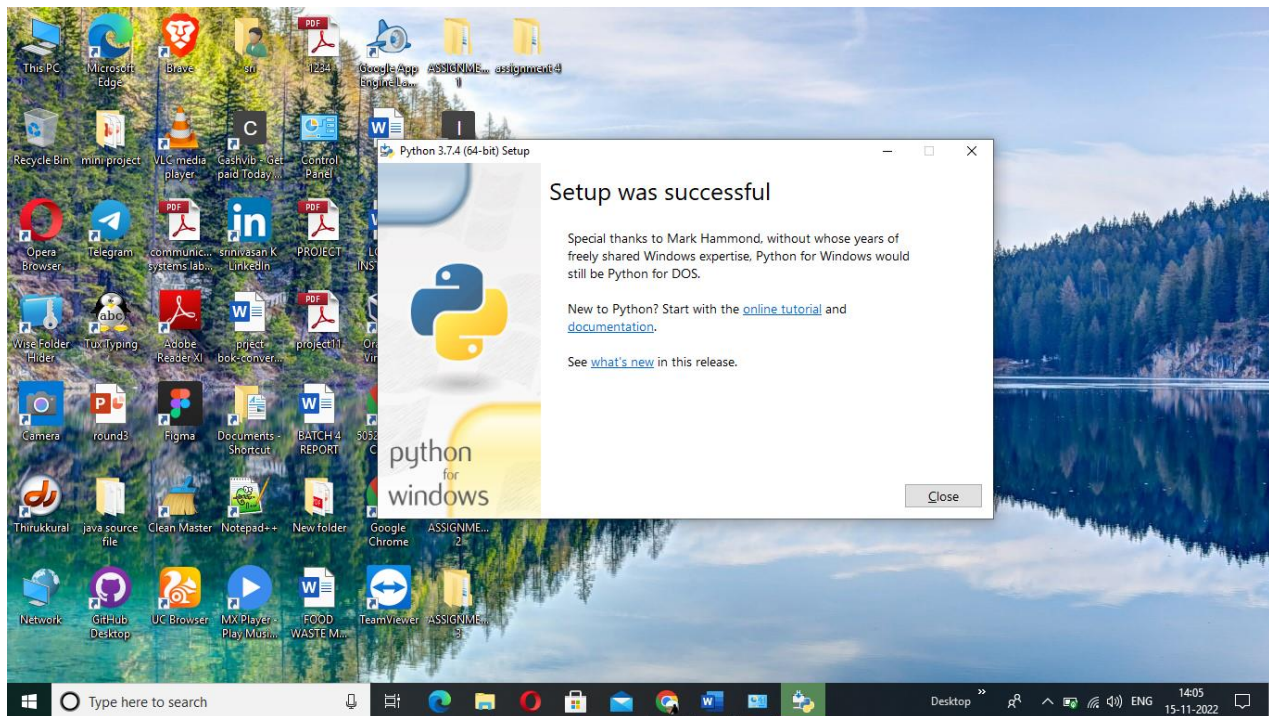


Prerequisites
Software (Python 3.7.4)

Date	03 November 2022
Team ID	PNT2022TMID25722
Project Name	Smart Solutions For Railways

SMART SOLUTION FOR RAILWAYS





```
Python 3.7.4 Shell
File Edit Shell Debug Options Window Help
Python 3.7.4 (tags/v3.7.4:e09359112e, Jul 8 2019, 20:34:20) [MSC v.1916 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>> |
```

```
*untitled*
File Edit Format Run Options Window Help

#traffic light for raspberry pi simulating in pycham with GUI
import turtle
import time
wn= turtle.getscreen()
wn.title("Stoplight By Gogulkrish")
wn.bgcolor("black")

#gui interfrace
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
red_light =turtle.Turtle()
red_light.shape("circle")
red_light.color("grey")

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```

```
*untitled*
File Edit Format Run Options Window Help

green_light.color("grey")
green_light.penup()
green_light.goto(0, -40)

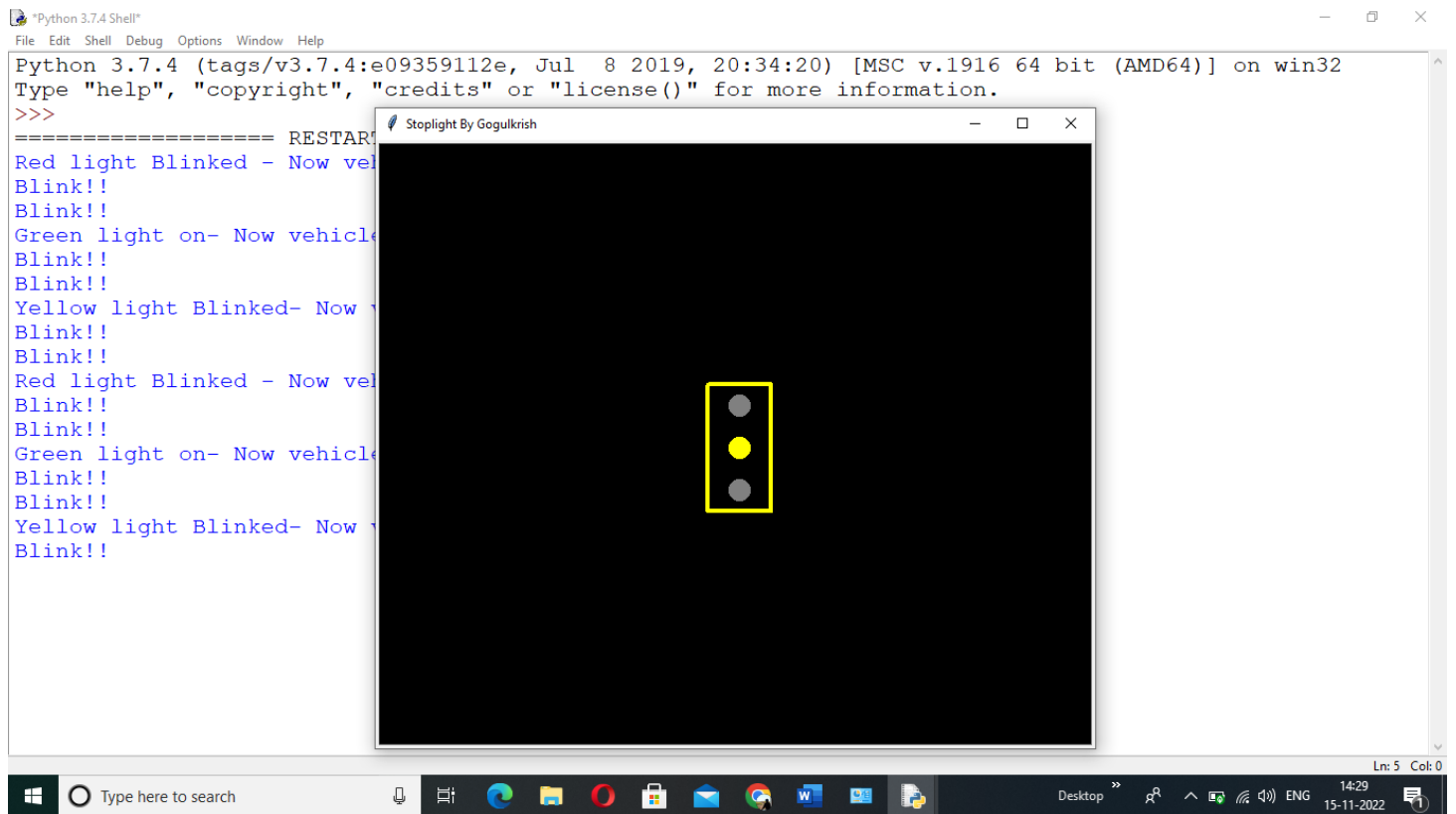
while True:
    yellow_light.color("grey")
    red_light.color("red")
    print("Red light Blinked - Now vehicle Stop behind zebra cross..")
    print("Blink!!")
    time.sleep(2)
    print("Blink!!")

    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()

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```



Python(3.7.4) Was Installed Successfully