

Assignment 3  
python Programming  
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29 September 2022  
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Team ID PN I 202211011)48488

PROGRAM

\*traffic light for raspberry pf simlulating in pycharrl with GUI

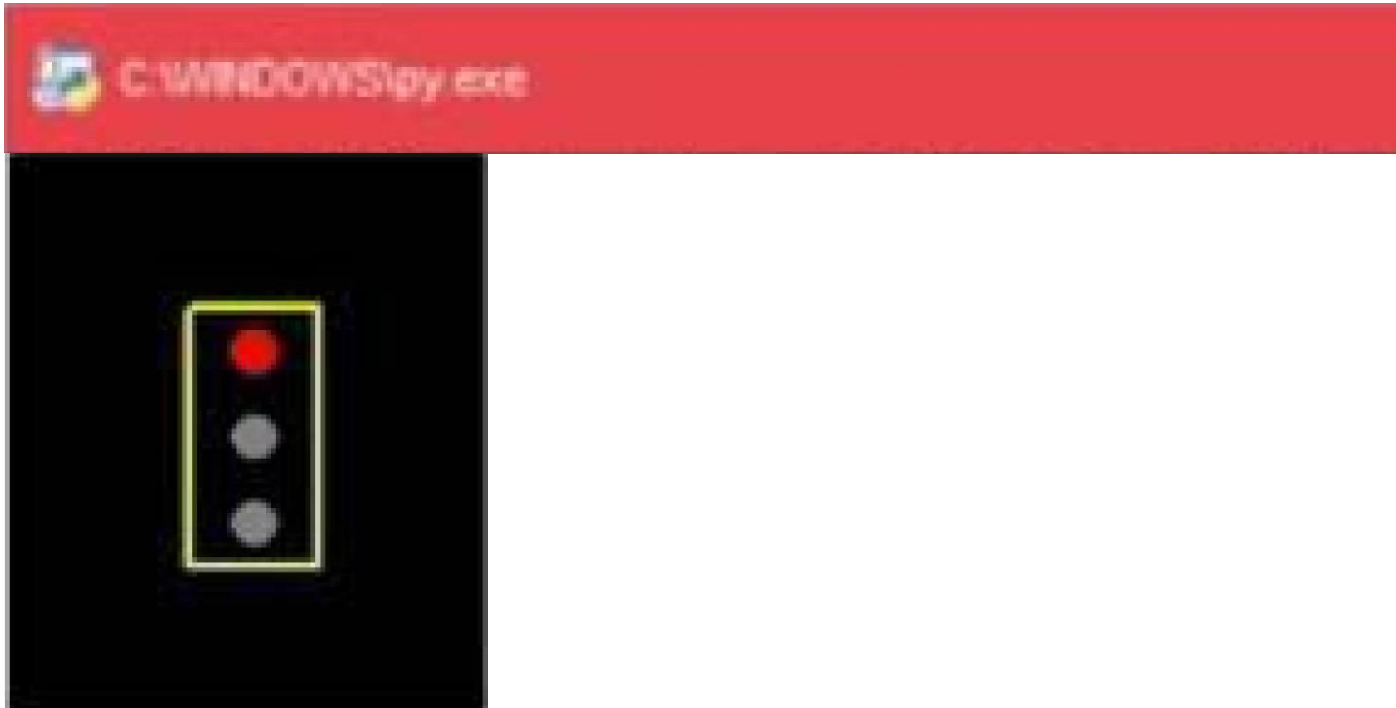
```
import turtle
import time
wn= turtle. getscreen()
wn.title("° Stoplight By GogurkrIsh")
wn.bgcolor("black")
#gui interfrare
pen= turtle.Turtle()
pen.color("Yellow")
pen.width(4)
pen.hideturtle()
pen.penup()
pen.goto(-30, 60)
pen.pendown()
pen.forward(60)
pen.right(90)
pen.forward(120)
pen.right(90)
pen.forward(60)
pen.right(90)
pen.forward(120)
#Tad light
red_light = turtle.Turtle()
red_light.shape("circle")
red_light.color("grey")
red_light.penup()
red_light.goto(0, 40)
#Teilovi light
yellow_light = turtle.Turtle()
yellow_light.shape("circle")
yellow_light.color("grey")
yellow_light.penup()
yellow_light.goto(0, 0)
#Green light
green_light = turtle.Turtle()
```

```

green light.shape("circle")
green_light.color("grey")
green_light.penup()
green_light.goto(0, -40)
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while True:
    yellow_light.color("grey")
    red_light.color("red")
    print("Red light Blink 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,F")
    print(Blink)
    time.sleep(3)
    print(Blink)
    green_light.color("grey")
    yellow_light.color("yellow")
    print("Yellow light Blink- Now vehicle Ready to go..")
    print(Blink)
    time.sleep(1)
    print(Blink)
    while True:

```

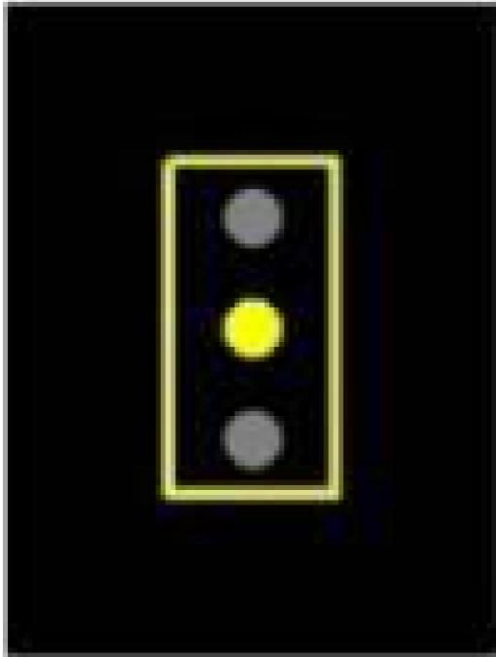
OUTPUT WITH GM INTERFACE



light Blink - Now vehicle Stop behind zebra cross..

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- 'Now car wi,,

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