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TOPIC	MAKE A TRAFFIC LIGHT SIGNAL USING PYTHON CODE
PROJECT TITLE	SMART SOLUTION FOR RAILWAYS
MENTOR NAME	SHANMUGAM .S ASP/ECE
COLLEGE NAME	PSV COLLEGE OF ENGINEERING AND TECHNOLOGY
ASSIGNMENT NO	03

```
import turtle
import time
wn = turtle.Screen()
wn.bgcolor("black")
```

```
pen = turtle.Turtle()
pen.color("orange")
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("gray")
red_light.penup()
red_light.goto(0,40)
```

```
yellow_light = turtle.Turtle()
```

```
yellow_light.shape("circle")
yellow_light.color("gray")
yellow_light.penup()
yellow_light.goto(0,0)
```

```
green_light = turtle.Turtle()
green_light.shape("circle")
green_light.color("gray")
green_light.penup()
green_light.goto(0,-40)
```

```
while True:
    yellow_light.color("gray")
    red_light.color("red")
    time.sleep(2.5)
```

```
    red_light.color("gray")
    green_light.color("green")
    time.sleep(2)
```

```
    green_light.color("gray")
    yellow_light.color("yellow")
    time.sleep(1.5)
```

```
wn.mainloop()
```