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TOPIC	<i>ASSIGNMENT ON TRAFFIC LIGHT CONTROL USING PYTHON</i>
PROJECT TITLE	REAL TIME RIVER WATER QUALITY MONITORING AND CONTROL SYSTEM
ASSIGNMENT NO	03
MENTOR	PRAKASAM L ASP/ECE
COLLEGE NAME	P.S.V. COLLEGE OF ENGINEERING AND TECHNOLOGY

PYTHON CODE:

```
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()
```

