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| **NAME** | **PRASANTHKUMAR G** |
| **REG NO** | **611819106036** |
| **TOPIC** | ***ASSIGNMENT ON TRAFFIC LIGHT CONTROL USING PYTHON*** |
| **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** |



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()