

BHARATH NIKETAN ENGINEERING COLLEGE, AUNDIPATTI
COMPUTER SCIENCE AND ENGINEERING IBM NALAIYA THIRAN
ASSIGNMENT III

TITLE : Signs with Smart Connectivity for Better Road Safety

DOMAIN : Internet Of Things

NAME : Sming rmart Farmer –IOT Enabled smart Farming

TEAM ID : PNT2022TMID48419

Python program for blinking LED and Traffic lights :

```
import turtle import time
```

```
a = turtle.getscreen() a.title("TrafficLight ") a.bgcolor("black")
```

```
write= turtle.Turtle() write.color("White") write.width(3)
```

```
write.hideturtle() write.penup() write.goto(-30, 60) write.pendown() write.fd(60) write.rt(90)  
write.fd(120) write.rt(90) write.fd(60) write.rt(90) write.fd(120)
```

```
red_light =turtle.Turtle() red_light.shape("circle") red_light.color("Black") red_light.penup()  
red_light.goto(0, 40)
```

```
yellow_light =turtle.Turtle() yellow_light.shape("circle") yellow_light.color("Black") yellow_light.penup()  
yellow_light.goto(0, 0)
```

```
green_light =turtle.Turtle() green_light.shape("circle")
```

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

```
while (1):
```

```
green_light.color("Black") yellow_light.color("Black") red_light.color("red")
```

```
print("Stop - Stop behind zebra cross..") print("Blink!!")
```

```
time.sleep(2) print("Blink!!")
```

```
red_light.color("Black") yellow_light.color("yellow") print("Move - You can go..") print("Blink!!")
```

```
time.sleep(3) print("Blink!!")
```

```
yellow_light.color("Black") green_light.color("green")
```

```
print("Wait for Signal - Ready to go..")
```

```
print("Blink!!") time.sleep(1) print("Blink!!")
```

```
a.mainloop()
```