```
mport serial
import time

arduino = serial.Serial('com4',9600)
time.sleep(2)

print arduino.readline()
print ("Enter 1 to get LED ON & 0 to get OFF")


while 1:

   var = raw_input()



   if (var == '1'):
      arduino.write('1')
      print ("LED turned ON")
      time.sleep(1)

   if (var == '0'):
      arduino.write('0')
      print ("LED turned OFF")
      time.sleep(1)
```

```
import turtle

def draw(tur,screen,color):
    tur.speed(10)
    screen.clear()
    tur.penup()
    tur.setpos(0,-70)
    tur.pensize(12)
    if color == 1:
        tur.color("black","orange")
    else:
        tur.color("black","gray")
    tur.pendown()
    tur.begin_fill()
    tur.circle(100)
    tur.end_fill()
    tur.penup()
    tur.setpos(0,150)
    if color == 0:
        tur.color("black","red")
    else:
        tur.color("black","gray")
    tur.pendown()

tur.end_fill()
tur.penup()
tur.setpos(0,-290)
if color == 2:
    tur.color("black","green")
else:
```

```
        tur.setpos(0,150)
        if color == 0:
            tur.color("black","red")
        else:
            tur.color("black","gray")
        tur.pendown()

    tur.end_fill()
    tur.penup()
    tur.setpos(0,-290)
    if color == 2:
        tur.color("black","green")
    else:
        tur.color("black","gray")
    tur.pendown()
    tur.begin_fill()
    tur.circle(100)
    tur.end_fill()
    tur.penup()
    tur.hideturtle()

screen = turtle.Screen()
tur = turtle.Turtle()
color = int(input("Enter color number\n"))
draw(tur,screen,color)
turtle.done()
```