Python Code To Draw Python Logo

```
import turtle
t = turtle.Turtle()
s = turtle.Screen()
s.bgcolor("black")
t.speed(10)
t.pensize(2)
t.pencolor("white")


def s_curve():
    for i in range(90):
        t.left(1)
        t.forward(1)


def r_curve():
    for i in range(90):
        t.right(1)
        t.forward(1)


def l_curve():
    s_curve()
    t.forward(80)
    s_curve()


def l_curve1():
    s_curve()
    t.forward(90)
    s_curve()


def half():
```

```
    t.forward(50)
    s_curve()
    t.forward(90)
    l_curve()
    t.forward(40)
    t.left(90)
    t.forward(80)
    t.right(90)
    t.forward(10)
    t.right(90)
    t.forward(120) #on test
    l_curve1()
    t.forward(30)
    t.left(90)
    t.forward(50)
    r_curve()
    t.forward(40)
    t.end_fill()
def get_pos():
    t.penup()
    t.forward(20)
    t.right(90)
    t.forward(10)
    t.right(90)
    t.pendown()
def eye():
    t.penup()
    t.right(90)
    t.forward(160)
    t.left(90)
    t.forward(70)
```

```
    t.pencolor("black")
    t.dot(35)
def sec_dot():
    t.left(90)
    t.penup()
    t.forward(310)
    t.left(90)
    t.forward(120)
    t.pendown()
    t.dot(35)
t.fillcolor("#306998")
t.begin_fill()
half()
t.end_fill()
get_pos()
t.fillcolor("#FFD43B")
t.begin_fill()
half()
t.end_fill()
eye()
sec_dot()


def pause():
    t.speed(2)
    for i in range(100):
        t.left(90)
pause()
```

Python Code To Draw Christmas Tree

```
from turtle import *
```

```
speed(0)


# Blue Background
penup()
goto(0, -250)
pendown()
color("lightskyblue")
begin_fill()
circle(250)
end_fill()


# Tree Trunk
penup()
goto(-15, -50)
pendown()
color("brown")
begin_fill()
for i in range(2):
   forward(30)
   right(90)
   forward(40)
   right(90)
end_fill()


# Set the start position and the inital tree width
y = -50
width = 240
height = 25


# Green section of tree (add in the greater than symbol next to the 20 - YouTube doesn't allow me to put in pointy brackets).
```

```
while width > 20:
    width = width - 30 # Make the tree get smaller as it goes up in height
    x = 0 - width / 2 # Set the starting x-value of each level of the tree
    color("green")
    penup()
    goto(x, y)
    pendown()
    begin_fill()
    for i in range(2):
        forward(width)
        left(90)
        forward(height)
        left(90)
    end_fill()

    y = y + height # Keep drawing the levels of the tree higher than the previous

# Star
penup()
goto(-15, 150)
pendown()
color("yellow")
begin_fill()
for i in range(5):
    forward(30)
    right(144)
end_fill()

# Message
penup()
goto(-130, -150)
```

```
color("red")
write("MERRY CHRISTMAS", font=("Arial", 20, "bold"))


hideturtle()
```

Python Code For Drawing Google Logo

```
import turtle
#get the instance of turtle
t=turtle.Turtle()
#select color
t.color('#4285F4','#4285F4') ## RBG value of color
#change the pen size
t.pensize(5)
#change the drawing speed
t.speed(3)


t.forward(120)
t.right(90)
t.circle(-150,50)  ## first circle for red color
t.color('#0F9D58')
t.circle(-150,100)
t.color('#F4B400')
t.circle(-150,60)
t.color('#DB4437','#DB4437')


t.begin_fill()
t.circle(-150,100)
t.right(90)
t.forward(50)
t.right(90)
```

```
t.circle(100,100)
t.right(90)
t.forward(50)
t.end_fill()

t.begin_fill()

## second circle for yellow color

t.color("#F4B400","#F4B400")
t.right(180)
t.forward(50)
t.right(90)

t.circle(100,60)
t.right(90)
t.forward(50)
t.right(90)
t.circle(-150,60)
t.end_fill()



# third circle of green color
t.right(90)
t.forward(50)
t.right(90)
t.circle(100,60)
t.color('#0F9D58','#0F9D58')
t.begin_fill()
t.circle(100,100)
t.right(90)
```

```
t.forward(50)
t.right(90)
t.circle(-150,100)
t.right(90)
t.forward(50)
t.end_fill()



##Draw last circle


t.right(90)
t.circle(100,100)
t.color('#4285F4','#4285F4')
t.begin_fill()
t.circle(100,25)
t.left(115)
t.forward(65)
t.right(90)
t.forward(42)
t.right(90)
t.forward(124)
t.right(90)
t.circle(-150,50)
t.right(90)
t.forward(50)


t.end_fill()
t.penup()
```

Python Code To Wish Happy Birthday

```
import turtle
import random
import time
from pygame import mixer

# Adding music is optional as per your choice.
mixer.pre_init(frequency=48000, size=-16, channels=2, buffer=512)
mixer.init()
mixer.music.load("happy-birthday-song.mp3") #add your music file name or path

# sets background
bg = turtle.Screen()
bg.bgcolor("black")
mixer.music.play()



# Bottom Line 1
turtle.penup()
turtle.goto(-170,-180)
turtle.color("white")
turtle.pendown()
turtle.forward(350)

# Mid Line 2
turtle.penup()
turtle.goto(-160,-150)
turtle.color("white")
turtle.pendown()
turtle.forward(300)

# First Line 3
```

```
turtle.penup()
turtle.goto(-150,-120)
turtle.color("white")
turtle.pendown()
turtle.forward(250)
bg.bgcolor("lightgreen")

# Cake
turtle.penup()
turtle.goto(-100,-100)
turtle.color("white")
turtle.begin_fill()
turtle.pendown()
turtle.forward(140)
turtle.left(90)
turtle.forward(95)
turtle.left(90)
turtle.forward(140)
turtle.left(90)
turtle.forward(95)
turtle.end_fill()
bg.bgcolor("lightblue")

# Candles
turtle.penup()
turtle.goto(-90,0)
turtle.color("red")
turtle.left(180)
turtle.pendown()
turtle.forward(20)
turtle.penup()
```

```
turtle.goto(-60,0)
turtle.color("blue")
turtle.pendown()
turtle.forward(20)
turtle.penup()
turtle.goto(-30,0)
turtle.color("yellow")
turtle.pendown()
turtle.forward(20)
turtle.penup()
turtle.goto(0,0)
turtle.color("green")
turtle.pendown()
turtle.forward(20)
turtle.penup()
turtle.goto(30,0)
turtle.color("purple")
turtle.pendown()
turtle.forward(20)
bg.bgcolor("orange")

# Decoration
colors = ["red", "orange", "yellow", "green", "blue", "purple", "black"]
turtle.penup()
turtle.goto(-40,-50)
turtle.pendown()

for each_color in colors:
    angle = 360 / len(colors)
    turtle.color(each_color)
    turtle.circle(10)
```

```
    turtle.right(angle)
    turtle.forward(10)


bg.bgcolor("black")


# Happy Birthday message


turtle.penup()
turtle.goto(-150, 50)
turtle.color("pink")
turtle.pendown()


# ENTER YOUR NAME IN THE NAME PLACE
turtle.write(arg=f"Happy Birthday Name!", align="left", font=("jokerman", 24, "normal"))


time.sleep(5)
```

Draw Naruto in Python Using Turtle

```
# import turtle
import turtle

screen = turtle.Screen()
screen.setup(900,900)
screen.setworldcoordinates(-600,-600,600,500)

d = turtle.Turtle()

d.pencolor("red")
d.pensize(4)
d.hideturtle()
turtle.tracer(5)
d.pencolor('black')
d.left(13)
d.speed(8)
d.fillcolor("yellow")
d.begin_fill()
d.penup()
d.forward(190)
```

```
d.pendown()

# Hair
d.right(25)
d.forward(60)
d.left(135)
d.forward(100)
d.right(95)
d.forward(95)
d.left(135)
d.forward(110)
d.right(105)
d.forward(115)
d.left(135)
d.forward(145)
d.right(112)
d.forward(115)
d.left(137)
d.forward(163)
d.right(110)
d.forward(115)
d.left(130)
d.forward(142)
d.right(85)
d.forward(120)
d.left(130)
d.forward(128)
d.right(100)
d.forward(110)
d.left(126)
d.forward(115)
d.right(73)
d.forward(82)
d.left(136)
d.forward(60)

d.pensize(3)
d.left(70)
d.forward(15)
d.right(59)

def curve1(a,c):
    for i in range(c):
        d.right(a)
        d.forward(1)

def curve2(a,c):
    for i in range(c):
        d.left(a)
```

```
        d.forward(1)

curve1(0.1,260)
curve1(0.2,80)
d.left(6)
curve1(0.1,90)
d.right(60)
d.forward(11)
d.end_fill()


d.begin_fill()
d.fillcolor('#373737')
d.pensize(8)
curve1(0.2,72)
d.pensize(5)
d.right(80)
curve1(0.01,240)
d.right(2)
curve1(0.01,100)
d.right(2)
curve1(0.02,77)
d.right(75)
d.pensize(8)
curve1(0.2,65)
d.pensize(3)
d.forward(18)
d.right(63.5)
curve1(0.1,250)
d.right(5)
curve1(0.1,100)
d.left(3)
curve1(0.1,83)
d.right(70)
d.forward(10)
d.pensize(5)
d.forward(73)
d.end_fill()
d.fillcolor('#E8BEAC')
d.begin_fill()
d.pensize(8)
d.left(40)
curve1(1,60)
d.forward(60)
d.right(60)
curve1(0.3,27)
d.left(85)
curve1(0.2,85)
d.right(30)
```

```
d.forward(133)
d.right(40)
d.forward(80)
d.right(37)
d.forward(150)
d.right(35)
curve1(0.1,67)
d.left(80)
d.forward(32)
d.right(50)
curve1(0.5,63)
d.right(10)
curve1(0.1,40)
d.right(10)
curve1(0.3,20)
d.right(70)
d.forward(7)
d.pensize(5)
curve2(0.01,418)
d.end_fill()

d.backward(10)

d.fillcolor('yellow')
d.begin_fill()
d.right(118)
d.forward(70)
d.right(150)
d.forward(64.5)
d.right(91)
d.forward(45)
d.end_fill()


d.penup()
d.backward(100)
d.pendown()
d.fillcolor('yellow')
d.begin_fill()
d.right(155)
d.forward(90)
d.right(155)
d.forward(50)
d.right(54)
d.forward(50)
d.end_fill()

d.penup()
d.backward(180)
```

```
d.pendown()

d.fillcolor('yellow')
d.begin_fill()
d.right(41)
d.forward(65)
d.right(165)
d.forward(91)
d.right(153)
d.forward(40)
d.end_fill()

d.penup()
d.backward(110)
d.pendown()

d.fillcolor('yellow')
d.begin_fill()
d.right(90)
d.forward(62)
d.right(158)
d.forward(72)
d.right(120)
d.forward(40)
d.end_fill()

d.penup()
d.left(40)
d.forward(40)
d.right(34)
d.pendown()


d.fillcolor('grey')
d.begin_fill()
curve2(0.01,247)
d.left(85)
curve2(0.02,50)
d.left(3)
curve2(0.1,35)
d.left(82)
curve2(0.01,140)
d.left(2)
curve2(0.1,110)
d.left(77)
curve2(0.1,86)
d.end_fill()

d.penup()
```

```
d.left(138)
d.forward(20)
d.dot(10)
d.left(35)
d.forward(25)
d.dot(10)
d.forward(25)
d.dot(10)

d.penup()
d.right(85)
d.forward(155)
d.pendown()
d.right(135)
d.forward(22)
d.right(100)
d.forward(2)
curve2(2.2,110)
curve2(3,45)
curve2(5,30)
d.penup()
d.right(130)
d.forward(25)
d.left(85)
d.pendown()
d.forward(30)
d.left(112)
d.forward(35)
d.penup()
d.left(25)
d.forward(120)
d.pendown()

d.dot(10)
d.right(120)
d.penup()
d.forward(30)
d.pendown()
d.dot(10)
d.penup()
d.forward(30)
d.pendown()
d.dot(10)
d.penup()
d.left(60)
d.forward(118)
d.left(120)
d.pendown()
d.pensize(4)
```

```
d.forward(20)
curve2(11,15)
d.forward(35)
curve2(7,8)
d.right(15)
d.forward(15)
d.right(70)
d.forward(23)
d.left(40)
d.forward(15)
curve2(15,10)
d.forward(20)
d.penup()
d.left(20)
d.forward(43)
d.pendown()
d.left(80)
d.forward(20)

d.penup()
d.left(28)
d.forward(403)
d.right(95)
d.pendown()
d.forward(28)
curve1(10,15)
d.right(3)
d.forward(45)
curve1(8,10)
d.forward(8)
d.left(3)
curve2(7,12)
d.left(10)
d.forward(15)
curve1(12,13)
d.right(5)
d.forward(15)
d.penup()
d.right(195)
d.forward(60)
d.left(90)
d.pendown()
curve1(1,45)
d.penup()
d.right(119)
d.forward(65)
d.right(180)
d.pendown()
curve1(1,50)
```

```
d.penup()
d.right(110)
d.forward(55)
d.right(190)
d.pendown()
curve1(1,38)
d.penup()
d.right(53)
d.forward(35)
d.pendown()
d.left(20)
d.forward(70)
curve2(0.2,70)
d.left(30)
d.forward(20)
d.penup()
d.left(130)
d.forward(109)
d.right(35)
d.pendown()
d.forward(15)
d.right(90)
curve2(1,30)
d.penup()
d.right(76.5)
d.forward(143)
d.pendown()
curve1(1,47)
d.penup()
d.right(120)
d.forward(55)
d.pendown()
d.right(192)
curve1(1,47)
d.penup()
d.right(120)
d.forward(45)
d.pendown()
d.right(220)
curve1(1,41)
d.penup()
d.right(170)
d.forward(153)
d.right(138)
d.forward(5)
d.pendown()
curve2(0.5,65)
d.penup()
d.right(5)
```

```
d.backward(35)
d.left(80)
d.forward(5)
d.pendown()
d.right(75)
d.forward(10)
d.fillcolor('white')
d.begin_fill()
d.circle(22)
d.end_fill()
curve2(3,20)
d.pendown()
d.fillcolor('white')
d.begin_fill()
curve2(6,85)
d.end_fill()
d.dot(15)
d.penup()
d.left(121)
d.forward(32)
d.left(80)
d.pendown()
d.pensize(10)
d.forward(30)
d.left(95)
d.pensize(8)
d.forward(20)
d.pensize(7)
curve2(1,80)

# second eye
d.right(54)
d.penup()
d.forward(115)
d.pendown()
d.pensize(3)
d.backward(4)
curve1(0.5,60)
d.penup()
d.backward(27)
d.right(90)
d.forward(8)
d.pendown()
d.right(90)
d.fillcolor('white')
d.begin_fill()
d.circle(22)
curve2(3,30)
d.end_fill()
```

```
curve2(6,85)
d.dot(15)
d.penup()
d.right(30)
d.forward(43)
d.pendown()
d.right(85)
d.pensize(8)
d.forward(27)
d.pensize(8)
d.right(85)
d.forward(20)
d.pensize(5)
curve1(1,80)
d.end_fill()

turtle.done()
```