实验报告2

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实验名称：Python实例解析

实验要求：绘制一条蟒蛇

实验目的：Python的蟒蛇绘制

算法实现：

import turtle

def drawsnake(rad,angle,len,neckrad):

colors = ["red","yellow","purple","orange","green","blue","black"]

for i in range(6):

turtle.pencolor(colors[i%6])

turtle.circle(rad,angle)

turtle.circle(-rad,angle)

turtle.color("black")

turtle.circle(20,80)

turtle.fd(0)

turtle.circle(neckrad+1,0)

turtle.fd(rad\*5/6)

def main():

turtle.setup(800,400,-200,-200)

turtle.penup()

turtle.goto(-250,0)

turtle.pendown()

turtle.pensize(20)

turtle.seth(-40)

drawsnake(20,80,7,30)

main()

如图所示一条蟒蛇就绘制好了。

