**数据结构实验报告2**

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**实验名称**： ex2-9.docx

**实验要求：**

**实验题目：自定义python蟒蛇绘制。根据实例2的设计思想，结合读者喜好，绘制一条区别于实例2的python蟒蛇。**

**算法实现：#e2.1Drawpython.py**

**import turtle**

**snakeColor = ["red","black","purple","green","blue"]**

**turtle.setup(800,400,400,400)**

**turtle.penup()**

**turtle.fd(-150)**

**turtle.pendown()**

**turtle.pensize(60)**

**turtle.seth(-40)**

**for i in range(5):**

**turtle.pencolor(snakeColor[i])**

**turtle.circle(40,80)**

**turtle.circle(-40,80)**

**turtle.circle(16,70)**

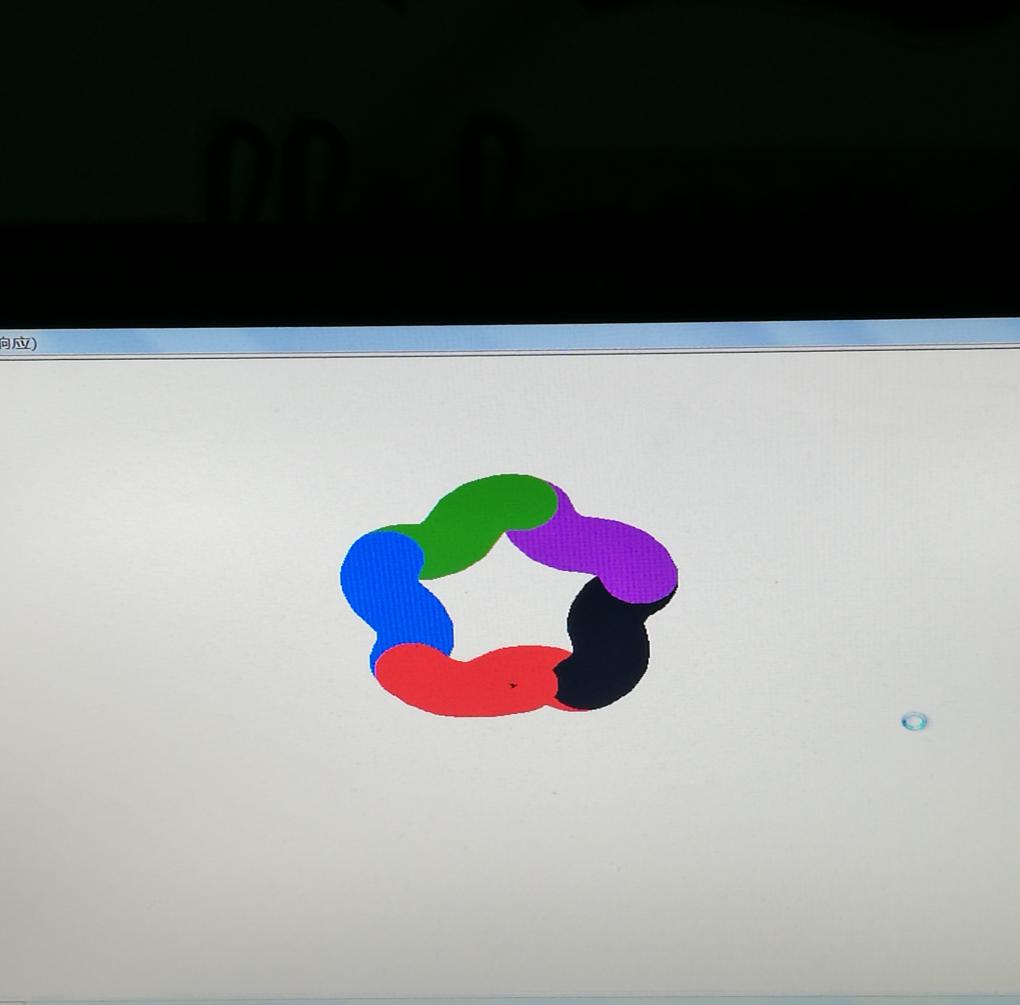
**i = i + 1**

**turtle.pencolor(snakeColor[i % 5])**

**turtle.circle(60,120/2 )**

**turtle.fd(0)**

**turtle.fd(40\*2/3)**

**实验结果****：**