Lab Exercises Chapter 7 Solutions

Write a program that accepts a number from the user and uses a function to square the number then return the result.

```
def sq(num1):
        return num1 * num1
```

Save this file as a module

```
myfunctions.py
```

Import the module you just created into a new program.

```
import myfunctions
```

Call the function in the module

```
userInput = int(input("Enter a number: "))
result = myfunctions.sq(userInput)
print(result)
```

Create a new program and import the turtle graphics module.

```
import turtle
```

Experiment with drawing different shapes using some of the turtle graphics methods. Use the turtle commands to draw some shapes.

```
import turtle
turtle.pensize(6)
turtle.penup()
turtle.pendown()
for i in range(5):
    turtle.forward(200)
    turtle.right(144)
turtle.done()
```