**Input and Output Practice**

1. **Samir’s Question**Write a method for the Prompt class that will allow the user to input a number in a range provided in the arguments. The method should check that the number is within the required range before returning it. Test your method.   
   Now add the equivalent methods for working with floating point numbers
2. **Volume Calculator**  
   Write a program that will calculate the volume of a cube with the length, width and height being provided by the user.
3. **Hypotenuse**  
   Write a program that will calculate the hypotenuse of a right-angled triangle (rounded down to the nearest whole number), when the user provides the base and height of the triangle.
4. **Temperature Converter**  
   Write a program that will input a temperature in Celsius and convert it into Fahrenheit using the following formula:
5. **Bill Calculator**  
   Write a program that will allow the user to input the name and cost of a number of different items they are purchasing. It will then calculate the tax and total cost and display a well-formatted receipt.
6. **What’s the Last Digit?**  
   Write a program that will allow the user to input any integer value and will output the last digit to the user.  
    Example:  
    User input: 512343  
    Last digit: 3