

ITSE 2321 – OBJECT-ORIENTED PROGRAMMING JAVA

Program 1 – Introduction to Java Applications

Write a program that computes the tax and tip on a restaurant bill for a patron with a \$44.50 meal charge. The tax should be 8.25 percent of the meal cost. The tip should be 15 percent of the total after adding the tax. Display the meal cost, tax amount, tip amount, and the total bill on the screen. Use the template, **Program1-Template.java**, to complete this programming assignment.

Download the attached file, **Program1-template.java**. Rename it as **Program1.java**. Any line that starts with the characters `"/"` is a comment in Java and the compiler ignores it. Remove the angle brackets `"<"` and `">"` in any line that starts with `"/"` (lines 1 - 19) and replace it with the appropriate information.

Remove the angle brackets in line 65 and enter your full name. Compile your program and correct all syntax errors and warnings. **You will not receive credit for the program if it does not compile successfully.**

Run your program and copy and paste the output to a file named **Program1-output.txt**. Create a folder named, **<YourFullName>_Program1**. Copy your source code and the output file to the folder. Zip the folder and upload it to Blackboard.

Every program that you write in this course must include the **developerInfo (lines 52 to 69) method and comments**. You will not get full credit for the program if this method and comments are missing.

Read the assignment very carefully to ensure that you have followed all instructions and satisfied all requirements. **You will not get full credit for this program if it is not written as instructed even if it works as expected.**