

Assignment 1 ~ Restaurant Meal

Write a Java program that will calculate the tip for a restaurant meal. The program should first ask for the name of the restaurant followed by the meal amount and then the server's name.

The program will then calculate the total tax at 6% of the price of the meal, the total tip at 20% of the price of the meal, and the total amount of the bill. You must use constants for both the tax and tip percentage values.

Using the sample output below, your program will professionally display the name of the restaurant, the meal total, the tax, the tip, the final total and the server's name.

You will write one program twice basically. First write the program with all console input and output. When finished, use dialog/message boxes. For the Window's output, use only one message box!

When finished, upload your two .java files and submit for grading.

Sample Console Output:

```
Enter the name of the restaurant:  Leo's Coney Island
Enter the amount of your meal: 100.00
Enter the name of your Server: Tammy
```

```
Thank you for visiting Leo's Coney Island
Your Server was:  Tammy
```

```
Meal Amount    $ 100.00
Tax Amount     $   6.00
Tip Amount     $  20.00
Total Amount   $ 126.00
```

Sample Windows Output:

Input

Enter the name of the restaurant:

OK Cancel

Input

Enter the amount of your meal:

OK Cancel

Input

Enter the name of your Server:

OK Cancel

Message

Thank you for visiting Driftwood Bar & Grill
Your Server was: Jason

Meal Amount \$ 80.75
Tax Amount \$ 4.85
Tip Amount \$ 16.15
Total Amount \$ 101.75

OK