Food Cost Calculator - Functionality Documentation

Fig 1:
Displays basic functionality. User enters a value of 100 which calculates the sales tax to be $7,
Food charge to be $100, tip to be $18 and total charge to be $125

```
**********
Welcome to the food cost calculator!
    enter one of the following numbers to proceed:
    > 1 : Run program
    > 2 : About
    > 3 : Quit
> 1
Please enter the total food charge:100

    total charge is $125.0
    food charge is $100.0
    sales tax is $7.0
    tip is $18.0
Press any key to continue:
```

Fig 2:
In fig 2 the user attempts to input a negative charge, which the program informs them is not supported and converts the charge to positive for them

```
**********
Welcome to the food cost calculator!
    enter one of the following numbers to proceed:
    > 1 : Run program
    > 2 : About
    > 3 : Quit
> 1
Please enter the total food charge:-100
Negative charge is not supported, we have converted to positive charge for you

    total charge is $125.0
    food charge is $100.0
    sales tax is $7.0
    tip is $18.0
Press any key to continue:
```

Fig 3
In this figure the user enters the menu option for about program
Note that this section is too large for one screenshot and has been omitted for brevity, full
documentation is available in the documentation text file

```
Select new menu item"
          > 1 : Run program
          > 2 : About
          > 3 : Quit
> 2


Author: Charli Shaneck
Program: Food cost calculator
Version:
1.0 Full Release Version
    Changelog:
    - Added program functionality



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Description: This program takes in a user input of food charge and returns a breakdown of the charges on the bill
    Total Charge, Sales Tax, Tip of 18% and Food Cost

***** Documentation *****
```

Fig 4:
Another display of functionality, all inputs calculate as they should

```
**********
Welcome to the food cost calculator!
     enter one of the following numbers to proceed:
     > 1 : Run program
     > 2 : About
     > 3 : Quit
> 1
Please enter the total food charge:96

     total charge is $120.0
     food charge is $96.0
     sales tax is $6.72
     tip is $17.28
Press any key to continue:
```

Fig 5:
Displays program support for decimal inputs

```
Press any key to continue:
Select new menu item"
            > 1 : Run program
            > 2 : About
            > 3 : Quit
> 1
Please enter the total food charge:56.34


    total charge is $70.42
    food charge is $56.34
    sales tax is $3.94
    tip is $10.14
Press any key to continue:
```