Use the Python prompt as a basic calculator. Explore the order of operations using parentheses.

Write a program that allows a user to enter his or her two favorite foods. The program should then print out the name of a new food by joining the original food names together. Ensure there are no leading or ending whitespace in the new food.

Write a Tipper program where the user enters a restaurant bill total. The program should then display two amounts: a 15% tip and a 20% tip.

Source code:

tipper.py - C:\Users\Senjuti\Desktop\Sem 5\Python\tipper.py (3.9.7)

File Edit Format Run Options Window Help

```
bill=float(input("Enter your bill amount: "))
tip=bill+0.15*bill
print("Total bill if tip 15%: ", tip)
tip=bill+0.2*bill
print("Total bill if tip 20%: ", tip)
```

foodStrip.py - C:/Users/Senjuti/Desktop/Sem 5/Python/foodStrip.py (3.9.7

File Edit Format Run Options Window Help

```
food1=input("Enter your first favourite food: ")
food2=input("Enter your first favourite food: ")
food1=food1.strip();
food2=food2.strip();
newfood=food1+" "+food2
print("New food: "+newfood)
```

Output:

IDLE Shell 3.9.7

File Edit Shell Debug Options Window Help

```
Python 3.9.7 (tags/v3.9.7:1016ef3, Aug 30 2021, 20:19:38) [MSC v.1929 64 bit (AM
D64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
========== RESTART: C:/Users/Senjuti/Desktop/Sem 5/Python/foodStrip.py =========
Enter your first favourite food:     cheese
Enter your first favourite food:    cake
New food: cheese cake
>>>
========== RESTART: C:\Users\Senjuti\Desktop\Sem 5\Python\tipper.py ==========
Enter your bill amount: 1200
Total bill if tip 15%:  1380.0
Total bill if tip 20%:  1440.0
>>> a=10
>>> b=23
>>> a+b
33
>>> a-b
-13
>>> b-a
13
>>> a*b
230
>>> a/b
0.43478260869565216
>>> b/a
2.3
>>> b//a
2
>>> a//b
0
>>> a=2
>>> a**b
8388608
>>> a=12+3j
>>> b=34-4j
>>> a+b
(46-1j)
>>>
```