

# Tips Calculator

In this Codecademy Lab exercise we utilized basic python syntax to create small program that can calculate the cost of food and apply tax of a certain percentage and apply a tip.

The screenshot shows the Codecademy interface for the 'Tip Calculator' lab. The left sidebar contains the lesson title 'The Meal' and instructions: 'First, let's declare the variable `meal` and assign it the value `44.50`.' The main editor area shows a Python file named 'script.py' with the following code:

```
1 # Assign the variable meal the value 44.50 on line 3!  
2 meal=44.50  
3
```

The right-hand terminal area displays 'None'. At the bottom, a green 'Way to go!' message and a 'Start Next Lesson' button are visible.

The screenshot shows the Codecademy interface for the 'Tip Calculator' lab, specifically the 'The Tax' section. The left sidebar contains the lesson title 'The Tax' and instructions: 'Create the variable `tax` and set it equal to the decimal value of 6.75%.' The main editor area shows a Python file named 'script.py' with the following code:

```
1 meal = 44.50  
2 tax= 6.75/100  
3  
4
```

The right-hand terminal area displays 'None'. At the bottom, a green 'Way to go!' message and a 'Start Next Lesson' button are visible.

The screenshot shows the Codecademy interface for a Python lesson titled "The Tip". The left sidebar contains the lesson title and a "Way to go!" notification. The main content area displays the following Python code in a file named "script.py":

```
1 # You're almost there! Assign the tip variable on line 5.  
2  
3 meal = 44.50  
4 tax = 0.0675  
5 tip = 15.0/100
```

The right-hand console area shows the output "None". At the bottom, there is a "Start Next Lesson" button.

The screenshot shows the Codecademy interface for a Python lesson titled "Reassign in a Single Line". The left sidebar contains the lesson title and a "Way to go!" notification. The main content area displays the following Python code in a file named "script.py":

```
1 # Reassign meal on line 7!  
2  
3 meal = 44.50  
4 tax = 0.0675  
5 tip = 0.15  
6  
7 meal = meal + meal * tax
```

The right-hand console area shows the output "None". At the bottom, there is a "Start Next Lesson" button.

The screenshot shows a Codecademy lesson interface. On the left, there's a sidebar with the course title 'Tip Calculator' and a section titled 'The Total'. The main content area contains a Python code editor with the following code:

```
1 # Assign the variable total on line 8!  
2  
3 meal = 44.50  
4 tax = 0.0675  
5 tip = 0.15  
6  
7 meal = meal + meal * tax  
8 total = meal + meal * tip  
9  
10 print("%.2f" % total)
```

On the right, a terminal window shows the output: 54.63. Below the code editor, a green checkmark and the text 'Congratulations, you've finished this course!' are visible, along with a 'Next ->' button. The bottom of the page shows a navigation bar with '5. The Total' and a 'Next ->' button.