

Python – Receipt

Purpose

This lab was designed to teach you how to read process and output data.

Description

Write a program that calculates the bill of sale for three items purchased. The cost of each item will be read from the user and stored into variables. The receipt will show the number of items purchased, the cost of each item, the average cost per item, the tax rate (.0825% in Texas), the tax amount, and the total cost.

```
float("3.4")           # converts a string with a valid numeric number to a float
'{:.2f}'.format(89.589156) # rounds a float to 2 decimal places as a string '89.59'
```

Program Shell

Create a file called receipt.py

Sample Execution

```
Enter cost of item 1: 2.50
Enter cost of item 2: 100
Enter cost of item 3: 44.44
```

CASH SALES RECEIPT

```
Cost of item 1 : $ 2.50
Cost of item 2 : $ 100.00
Cost of item 3 : $ 44.44
-----
Average Cost   : $ 48.98
Total Cost     : $ 146.94
Tax Rate       : 8.25%
Taxes          : $ 12.12
-----
Total          : $ 159.06
```