**Problem Statement**

Several friends planned to go camping every year. The group agrees in advance to share expenses equally, but it is not practical to have them share every expense as it occurs. Everyone in the group will pay for things, like food, drinks, supplies, the campsite, parking, etc. After the camping trip, each person’s expenses are tallied, and money is exchanged so that the net cost to each is the same. This task is tedious and time-consuming. The objective of this application is to compute the payable amount for each person going in camping.

**Assumptions:**

Input File Type should be .txt.

Input entry is strictly integer or float.

Input format follow should be integer, integer followed by Float.

Input file must end with 0.

**Procedure:**

Follow the steps to run the program

* Should have python installed in your path.
* Use the following command p
* python <FileName.py> <Path>
* check the input file directory where you can see the output file with .out extension.
* If any Logger exceptions occurred with the input file given it will be displayed on command line.

**UnitTesting**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Case# | Use Case ID/Name | Summary | Expected Results | Actual Output | Expected Output | Expected Output File | Status |
| 1 | filename.txt | Checking when whether there is 0 at end of the file | Positive | filename.txt.out  Content  None | filename.txt.out  Content  None | filename.txt.out | Pass |
| 2 | testfile1.txt | Checking the Logic | Positive | testfile1.txt.out  Content ($13.673)  ($13.653)  $27.327    $0.655  ($0.655)  ($10.197)  $21.923  ($11.727) | testfile1.txt.out  Content ($13.673)  ($13.653)  $27.327    $0.655  ($0.655)  ($10.197)  $21.923  ($11.727) | testfile1.txt.out | Pass |
| 3 | testfile2.txt | Checking with input 0 and how it responds | Positive | testfile2.txt.out  Content: None | testfile3.txt.out  Content: None | testfile2.txt.out | Pass |
| 4 | testfile3.txt | Checking by passing Negative index | Negative | testfile3.txt.out  Content: None  Console Warning: Console Log Warning | testfile3.txt.out  Content : None  Console Warning:  ERROR:root:Entered Number Should be +VE | testfile3.txt | Pass |