

Lab 5 Flow of Control (II): Looping Statements

Please test the correctness of your programs on **PASS**.

Q-1.

Write a program that reads numbers until -999 is entered and compute the following.

- How many positive numbers are entered?
- How many negative numbers are entered?
- How many zeros are entered?
- Sum of positive numbers
- Sum of negative numbers
- Average of positive numbers

Hints: Exclude -999 from all computations. Use **while**-loop in your program.

Expected Output:

Example 1	Example 2
Enter Numbers! Enter -999 to Stop: <u>-1</u> <u>2</u> <u>5</u> <u>-4</u> <u>2</u> <u>4</u> <u>0</u> <u>-1</u> <u>0</u> <u>2</u> <u>-999</u> Total Positive Numbers are: 5 Total Negative Numbers are: 3 Total Zeros are: 2 Sum of Positive Numbers is: 15 Sum of Negative Numbers is: -6 Average of Positive Numbers is: 3	Enter Numbers! Enter -999 to Stop: <u>-999</u> Total Positive Numbers are: 0 Total Negative Numbers are: 0 Total Zeros are: 0 Sum of Positive Numbers is: 0 Sum of Negative Numbers is: 0 Average of Positive Numbers is: 0
Example 3	Example 4
Enter Numbers! Enter -999 to Stop: <u>-2</u> <u>-3</u> <u>-4</u> <u>-1</u> <u>-4</u> <u>0</u> <u>-1</u> <u>0</u> <u>-2</u> <u>-999</u> Total Positive Numbers are: 0 Total Negative Numbers are: 7 Total Zeros are: 2 Sum of Positive Numbers is: 0 Sum of Negative Numbers is: -17 Average of Positive Numbers is: 0	Enter Numbers! Enter -999 to Stop: <u>-2</u> <u>3</u> <u>-4</u> <u>1</u> <u>4</u> <u>0</u> <u>-1</u> <u>0</u> <u>2</u> <u>-999</u> Total Positive Numbers are: 4 Total Negative Numbers are: 3 Total Zeros are: 2 Sum of Positive Numbers is: 10 Sum of Negative Numbers is: -7 Average of Positive Numbers is: 2.5

