

LAB 5

Add the necessary code to the source file **List.py**. Write the function `num_negatives()` that takes as input a list of numbers and returns the number of negatives in the list. Write the function `negatives()` that takes as input a list of numbers and returns a list of only the negative numbers in the list.

Sample runs are shown below.

Sample 1

Enter some numbers separated by whitespace 2.3 -9.8 5 6.7 -12 3

The number of negatives in the list is 2

The negatives in the list are -9.8 -12.0

Sample 2

Enter some numbers separated by whitespace 1 2 3 4 5 -6 7 -8 9 -12.7

The number of negatives in the list is 3

The negatives in the list are -6.0 -8.0 -12.7

Sample 3

Enter some numbers separated by whitespace 1 2 3

The number of negatives in the list is 0

The negatives in the list are

Make sure to upload your source file to directory **labs/5**

Once your lab is uploaded and while logged into the server via a terminal session, traverse to the directory **labs/5**. YOU MUST BE IN DIRECTORY **5**, TO SUBMIT YOUR LAB.

Once you are ready to submit your lab issue the command **submit csc157abc 5** where *abc* is the course section number.