Create class **CountNumbers**

CountNumbers should:

- Prompt the user to enter a sequence of numbers, ending with 'Q' to quit. (Use the **Scanner** method **hasNextDouble()** to control your loop.)
- Read the numbers, keeping a separate sum of negative and positive numbers.
- Report on separate lines, in the format shown in the example below, the two sums. Show the sums with 4 digits precision after the decimal point.

Be sure your indentation and documentation are correct.

Example (input in **green**):

```
Enter numbers (Q to quit):
4.2 3.3 -5.6 -10 -1.1 6.5 q
Total of positive numbers is 14.0000
Total of negative numbers is -16.7000
```

After you feel your program is correct, further test your program, by obtaining **AutoGrade.jar** from this assignment. Put it and a copy of your **CountNumbers.java** in the same directory. Then run it as shown in the example.

When your program works correctly, submit it.

The program example has the correct numbers, but contains intentional formatting errors.

```
MYPROMPT> java -jar AutoGrade.jar CountNumbers
Compilation is successful

Input:
-85.5 81.9 -56.8 -48.1 21.7
-33.2 -15.2 -20.2 -27.1 -60.1
74.8 63.8 -67.2 -23.5 86.8
-97.5 60.3 -48.3 -21.2 -84.9
-79.9 18.6 91.1 58.1 93.8
77.2 93.8 32.1 -51.0 99.4
28.1 -98.3
stop

Right Answer:
"Total of positive numbers is 981.5000
Total of negative numbers is -918.0000"
Your Answer:
"Total of positive numbers is 981.500000
Total of positive numbers is -918.000000"

MISSING TERMINAL NEWLINE -2
Score:  84%
MYPROMPT>
```