



Comp 170 Isom 370 – Lists for Words and Numbers

As in the course syllabus, late assignments will not be accepted unless you have completed the process for using a late pass before the due date.

1. Submit

Online as instructed in class before the due date and time.

2. Format

C# Project using proper programming style and with appropriate comments in the code.

3. Content

Summary: Write a program that takes input of words or numbers from the user. Create two lists from this input, with all the words in one list and all the numbers in the other. Do not allow the user to enter text that is not a valid number or word. Do not allow multiple words (separated by blank spaces).

At any time the user can enter STOP to indicate they are finished or REMOVE followed by a number or word (to remove a number already entered). When the user enters STOP print out the size of each list and its current full contents.

Details and suggestions:

- a. Do not allow the user to enter text that is not a valid number or word. Do not allow multiple words (separated by blank spaces).
- b. When the user enters REMOVE followed by a number or word, check to see if that number or word is already in the appropriate list. If so, remove it. If NOT, inform the user and do nothing.
- c. Helper function `isWord` and `isNumber` are strongly recommended.

Test your program fully and carefully. Try a few things that should not work such a bad numbers, multiple words on a line, and attempting to REMOVE something that is not there.

4. Grading

20 points total. No points if will not compile. -5 points for missing any of the requirements listed. Up to -5 for poor programming style. Up to -5 for lack of sufficient comments.

Assignment Lists for Numbers and Words

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