

**DWITE Online Computer Programming Contest
November 2005**

Problem 3

Cinquain Poetry

Cinquain poetry is usually short and unrhymed. The poem consists of 22 syllables in five lines. The first line, the title, has two syllables. The second line has four syllables that describe the title. The third line has six syllables that state an action. The fourth line has eight syllables that express a feeling. The fifth line has two syllables that is a synonym for the title.

For example:

**Rocket
Means of travel
Flying to outer space
When are you coming home to earth
Space Ship**

Nick, who is in grade three, is trying to master this type of poetry, but struggles to get the exact number of syllables. Some of his lines have too many or too few syllables. Your job, as a computer programmer, is to inform him of the line in his poem that has too many or too few syllables and by how many.

The input file (**DATA31.txt** for the first submission and **DATA32.txt** for the second submission) will contain five sets of data. Each set will contain five lines of data, representing one Cinquain poem. The words in each line are separated by a single space and the syllables are separated with a hyphen "-". All characters will be upper case.

The output file (**OUT31.txt** for the first submission and **OUT32.txt** for the second submission) will contain five lines of data, each corresponding to each set in the input file. It will list the line number that has the incorrect number of syllables and the number of syllables too few or too many. If the line in the poem has fewer syllables than it should have output:

LINE # - ? SYLLABLE(S) TOO FEW

or if the line in the poem has more syllables than it should output:

LINE # - ? SYLLABLE(S) TOO MANY

where # is the line number in the poem and ? is the number of syllables too few or many. If there is a case, where there is a poem with more than one line with the incorrect number of syllables, output the line in the poem that has the greater number of syllables too few or too many. If there is a case, where there is a poem with more than one line with the incorrect number of syllables, and these lines have the same number of syllables too few or too many, output the line in the poem that occurs first. All characters in the output must be upper case.

Sample Input (Only three sets of data given)

ROC-KET
MEANS OF TRA-VEL
FLY-ING TO OU-TER SPACE
WHEN ARE YOU COM-ING HOME
SPACE SHIP
ROC-KET
MEANS OF TRA-VEL-ING
FLY-ING TO OU-TER SPACE
WHEN ARE YOU COM-ING HOME TO EARTH
SPACE SHIP
GAME TIME
SEA-SON LOOKED SU-PER
NA-TION-AL CHAMPS
WE TOLD OUR-SELVES AS WE SAT DOWN
NOT NOW

Sample Output

LINE 4 - 2 SYLLABLE(S) TOO FEW
LINE 2 - 1 SYLLABLE(S) TOO MANY
LINE 3 - 2 SYLLABLE(S) TOO FEW