

C - Whoops

Input File: WhoopsIn.txt

The auto correction feature of a word processor can be annoying when it changes a misspelled word to a word we did not intend to type. (Whoops.) To evaluate the merits of several auto correction algorithms, you are to write a program to compare an intended paragraph text to the corrected text and determine the number of incorrectly changed words. Your program should ignore extra spaces between words but not case sensitivity.

Inputs

The first line will contain the number of paragraphs, P, to compare. This will be followed by P sets of paragraphs. The first paragraph in a set will be the intended paragraph and the second paragraph in a set will be the auto corrected paragraph. All paragraphs will be separated by a blank line. Paragraphs will consist of no more than 10 lines.

Outputs

There will be one line of output for each set of paragraphs. The line will contain the number of words incorrectly changed by the auto correction algorithm.

Sample inputs

2

A stitch in time saves nine.

A *twitch of mine* saves nine.

Once upon a midnight dreary, while I pondered weak and weary,
Over many a quaint and curious volume of forgotten lore,
While I nodded, nearly napping, suddenly there came a tapping,
As of some one gently rapping, rapping at my chamber door.
Tis some visitor, I muttered, tapping at my chamber door,
Only this, and nothing more.

Months upon a midnight dreary, while I pondered weak and weary,
Over many a quaint and curious volume of forgotten *law*,
While I nodded, nearly *rapping*, suddenly there came a tapping,
As of some one gently rapping, rapping at *me* chamber door.
It's some visitor, I muttered, tapping at my chamber door,
Only this, and nothing *sore*.

Sample output

3

6