

4 Spelling Bee

Write a program to help the judges at a spelling bee. You will check to see if two words are spelled the same, and report the result.

The first line of input the program will be a number $1 \leq N \leq 100$, which specifies the number of checks to make. There will follow N lines, with two words on each line, separated by a space.

The output from the program will contain N lines. The each line will either say “WORD1 and WORD2 are the same”, or “WORD1 and WORD2 are different”, depending on whether the words match or not. WORD1 and WORD2 should be replaced with the words to be compared.

Note: The \leftarrow symbol in the examples below represents a newline character.

Sample Input

```
3←  
FRED BARNEY←  
WINDOWS WINDOWS←  
LINUX LINUS←
```

Sample Output

```
FRED and BARNEY are different←  
WINDOWS and WINDOWS are the same←  
LINUX and LINUS are different←
```