

STEPWISE WORD

CHALLENGE DESCRIPTION:

Print the longest word in a stepwise manner.

INPUT SAMPLE:

The first argument is a path to a file. Each line contains a test case with a list of words that have different or the same length.

For example:

```
cat dog hello
stop football play
music is my life
```

OUTPUT SAMPLE:

Find the longest word in each line and print it in one line in a stepwise manner. Separate each new step with a space. If there are several words of the same length and they are the longest, then print the first word from the list.

```
h *e **l ***l ****o
f *o **o ***t ****b *****a *****l *****l
m *u **s ***i ****c
```

CONSTRAINTS:

1. The word length is from 1 to 10 characters.
2. The number of words in a line is from 5 to 15.
3. If there are several words of the same length and they are the longest, then print the first word from the list.
4. The number of test cases is 40.