

Download and Extract

An initial setup of files is provided to you via a shell script: [Download potd-q49](#)

Using a terminal, extract the initial files by running the shell script you just downloaded (you will need to navigate to the directory where you saved the file):

```
sh potd-q49.sh
```

Your files for this problem will be in the `potd-q49` directory.

The Problem

Given a **pattern** and a string **str**, find if **str** *follows* the same pattern.

Here *follows* means a full match, such that there is a bijection between a letter in **pattern** and a non-empty word in **str**. You may assume pattern contains only lowercase letters, and **str** contains lowercase letters separated by a single space.

Example Output:

```
pattern = "abba", str = "dog cat cat dog" should return true.  
pattern = "abba", str = "dog cat cat fish" should return false.  
pattern = "aaaa", str = "dog cat cat dog" should return false.  
pattern = "abba", str = "dog dog dog dog" should return false.
```

Upload Solution

Drop files here or click to upload.

Only the files listed below will be accepted—others will be ignored.

Files

☐ Pattern.cpp
not uploaded

☐ Pattern.h
not uploaded

Save & Grade

Save only

POTD 49

Total points: 0/1

Score: 0%

Question

Value: 1

History:

Awarded points: 0/1

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