

Exercise #1 (10 pts)

Given strings as input, check if the second string is a rotated version of the first string. A rotated version means that the characters of the first string can be shifted in a circular manner to match the second string. Special characters and spaces should be ignored, and the strings are always in lowercase.

Input:

```
String word1 = "rotation";  
String word2 = "tationro";
```

Output:

The given strings are rotations of each other

Input:

```
String word1 = "abcdef";  
String word2 = "d ef, a bc";
```

Output:

The given strings are rotations of each other

Input:

```
String word1 = "abcdef";  
String word2 = "abcdefa";
```

Output:

The given strings are not rotations of each other