 <b>Marwadi</b> University	<b>Marwadi University</b> <b>Faculty of Technology</b> <b>Department of Information and Communication Technology</b>	
<b>Sem : 5</b>	<b>Name : Pushti Depani</b>	
<b>Day : 58</b>	<b>Date : 14/12/2022</b>	<b>Enrollment No: 92000133018</b>

## CP Club 365Days Challenge

Programming language – Any language

### Problem Statement

[https://practice.geeksforgeeks.org/problems/check-if-string-is-rotated-by-two-places-1587115620/1?page=1&difficulty\[\]=0&category\[\]=Strings&sortBy=submissions](https://practice.geeksforgeeks.org/problems/check-if-string-is-rotated-by-two-places-1587115620/1?page=1&difficulty[]=0&category[]=Strings&sortBy=submissions)

#### **Your Code:**

Python :


```
def isRotated(self,str1,str2):
    #code here
    if str1[2:] + str1[:2] ==str2 or str2[2:]+str2[:2]==str1:
        return True;
    else:
        return False;
```

C++ :

```
bool isRotated(string str1, string str2)
{
    // Your code here
    if (str1.length() != str2.length())
        return false;

    string a = str1 + str1;

    int a1 = a.length();
    int a2 = str2.length();
```

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```


for(int i = 0; i<a1-a2; i++)
{
    int b = 1;
    for(int j = 0; j < a2-1; j++)
    {
        if(str2[j] != a[i+j])
        {
            b = 0;
            break;
        }
    }

    if(b == 1){
        return true    }
}

return false;
}

```

**Output (Screen Shot):**

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## Output Window — ×

**Compilation Results**

Custom Input

**Problem Solved Successfully** ✓

💡 You get marks only for the first correct submission if you solve the problem without viewing the full solution.

Test Cases Passed:

**111** /111

Your Total Score:

**36**

Total Time Taken:

**0.02**

Correct Submission  
Count:

**2**

Attempts No.:

**5**

**Understanding about problem:**

In this we will first compare the strings if they are not equal then we will return false. And if they are equal then we will concatenate the sorted strings. Then we will check if the string 2 is present in 1 or not and if present then we will print true.

Note: If you can't understand the problem, feel free to contact us and we'll help you. Please don't copy and paste from anywhere.

**ALL THE BEST**

Team CP Club