**Check if characters of a given string can be rearranged to form a palindrome**

Given a string, Check if characters of the given string can be rearranged to form a

palindrome.

For example characters of “geeksogeeks” can be rearranged to form a palindrome

“geeksoskeeg”, but characters of “geeksforgeeks” cannot be rearranged to form a

palindrome.

Note: check character case

KSRoksr - Not Possible

KSRokSR- Not Possible

Testcase:

Input Output

IndiaIsMycountry Not possible

WiproinBangalore Not possible

Javasjava Not possible

JAVAtJAVA Possible

ProgramlProgram Possible

WorldqWorld Possible

**Solution:**

**import** java.util.Scanner;

**public** **class** RearrangingCharactersForPalindrome {

**public** **static** String Palindrome(String str){

**int** arr[]=**new** **int**[256];

**for**(**int** i=0;i<str.length();i++) {

arr[str.charAt(i)]++;

// System.out.println(arr[str.charAt(i)]);

}

**int** odd=0;

**for**(**int** i=0;i<str.length();i++) {

**if**(arr[str.charAt(i)]%2!=0) {

odd++;

}

}

**if**(odd>1)

**return** "Not possible";

**else**

**return** "Possible";

}

**public** **static** **void** main(String[] args) {

Scanner sc=**new** Scanner(System.***in***);

String str=sc.nextLine();

System.***out***.println(*Palindrome*(str));

}

}