

Java Practice 2

Commencer le travail

À rendre le

Pas de date limite de rendu

Points

0

Soumission en cours

un champ de texte ou un téléchargement de fichier

Types de fichiers

zip et java

1. Write a Java program to reverse a string.

Input a string: The quick brown fox

Expected Output

Reverse string: xof nworb kciuq ehT
2. Write a Java program to count the letters, spaces, numbers and other characters of an input string.

Expected Output

The string is : Aa kiu, l swd skieo 236587. GH kiu: sieo?? 25.33

letter: 23

space: 9

number: 10

other: 6
3. Write a Java program that accepts an integer (n) and computes the value of n+nn+nnn.

Sample Output:

Input number: 5

5 + 55 + 555
4. Write a Java program to print numbers between 1 to 100 which are divisible by 3, 5 and by both.
5. Write a Java program to capitalize the first letter of each word in a sentence.

Sample Output:

Input a Sentence: the quick brown fox jumps over the lazy dog.

The Quick Brown Fox Jumps Over The Lazy Dog.
6. Write a Java program to convert a given string into lowercase.

Sample Output:

Input a String: THE QUICK BROWN FOX JUMPS OVER THE LAZY DOG.

the quick brown fox jumps over the lazy dog.
7. Write a Java program to find the penultimate (next to last) word of a sentence.

Sample Output:

Input a String: The quick brown fox jumps over the lazy dog.

Penultimate word: lazy
8. Write a Java program to create a new string taking first and last characters from two given strings. If the length of either string is 0 use "#" for missing character

Test Data: str1 = "Python"

str2 = " "

Sample Output:

P#
9. Write a Java program to take the last three characters from a given string and add the three characters at both the front and back of the string. String length must be greater than three and more.

Test data: "Python" will be "honPythonhon"

Sample Output:

honPythonhon
10. Write a Java program to count the number of even and odd elements in a given array of integers
11. Write a Java program to check whether a given integer is a power of 4 or not.

Given num = 64, return true. Given num = 6, return false.
12. Write a Java program to check if a given string has all unique characters.

Sample Output: Original String : xyz

String has all unique characters: false
13. Write a Java program to check if two given strings are anagrams or not.

According to Wikipedia "An anagram is a word or phrase formed by rearranging the letters of a different word or phrase, typically using all the original letters exactly once. For example, the word anagram can be rearranged into nag a ram, or the word binary into brainy."

Sample Output: String-1 : wxyz

String-2 : zyxw

Check if two given strings are anagrams or not?: true
14. Write a Java program to check if a given string is a permutation of another given string.

Sample Output:

Original strings: xyz yxz

true
15. Write a Java program that keeps a number from the user and generates an integer between 1 and 7 and displays the name of the weekday.

Test Data

Input number: 3

Expected Output :

Wednesday

