

# Fork Infosystems, Karad.

## Assignment On String

1. Write a program to accept string from the user and print it in reverse order.

Input : hello

Output : olleh

2. Write a program to accept a string from the user and print its length by implementing the strlen() function.

Input : world

Output : The length of "world" is: 5

3. Write program to accept string from user and reverse 1st word of string.

Input : ABCD EFGH LM

Output : DCBA EFGH LM

4. Write program to accept string from user and reverse last word of string.

Input : ABCD RPGS TLNPQ

Output: ABCD RPGS QPNLT

5. Write program to accept string from user and reverse every word of string in place (as it is).

Input: ABCD PQRS MNOP

Output: DCBA SRQP PONM

6. Write program to accept string from user and reverse only such word whose length is even.

Input : Hello world from Tester

Output : Hello dlrow from retseT

7. Write program to accept 2 strings from user and Concatenation both strings.

Input 1: Hello

Input 2: World

Output: HelloWorld

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## Assignment On String

8. Write program to accept 2 strings from user and check whether 1st string is substring of 2nd string

Input 1: Cat

Input 2: The black cat is sleeping

Output: "cat" is a substring of "The black cat is sleeping"

9. Write program to accept string from user and convert all letters to lower case and print.

Input: Hello WORLD

Output: hello world

10. Write program to accept string from user check whether palindrome or not.

Input : madam

Output : "madam" is a palindrome

11. Write a program which accept string from user and count number of capital characters.

Input : Hello FROM Programmer

Output : 6

12. Write a program which accept string from user and count number of small characters.

Input : "Programmer"

Output : 9

13. Write a program which accept string from user and return difference between frequency of small characters and frequency of capital characters.

Input : "ProgrammerS"

Output : 7 (9-2)

14. Write a program which accept string from user and check whether it contains vowels in it or not.

Input : "Programmer"

Output : TRUE

Input : "Demo"

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## Assignment On String

Output : TRUE

Input : "xyz"

Output : FALSE

15. Write a program to accept a string from the user and display it in reverse order

Input : "Tester"

Output : "retseT"

16. Write a program which accept string from user and convert it into lower case.

Input : "I Am Programmer"

Output : i am programmer

17. Write a program which accept string from user and convert it into upper case.

Input : "India is My Country"

Output : INDIA IS MY COUNTRY

18. Write a program which accept string from user and toggle the case.

Input : "Hello World FROM PRogrammer"

Output : hELLO wORLD from prOGRAMMER"

19. Write a program which accept string from user and display only digits from that string.

Input : "Pro89Gamer121"

Output : 89121

Input : "Demo"

Output :

## Assignment On String

20. Write a program which accept string from user and count number of white spaces

Input : "Programmer"

Output : 0

Input : "Hello World"

Output : 1

Input : "Hello World from Programmer in Pune"

Output : 5

21. Write a program which accept string from user and accept one character. Check whether that character is present in string or not.

Input 1: "Hello World from Programmer in Pune"

Input 2: e

Output : The character 'e' is present in the string

Input 1: "I Am Programmer"

Input 2: W

Output : The character 'W' is not present in the string

22. Write a program which accept string from user and accept one character. Return frequency of that character.

Input 1: "I Am Programmer"

Input 2: m

Output : 2

Input 1: "Hello World from Programmer in Pune"

Input 2: W

Output : 1

## Assignment On String

23. Write a program which accept string from user and accept one character. Return index of first occurrence of that character.

Input 1: "Hello World"

Input 2: o

Output : The index of the first occurrence of 'o' in "Hello World" is: 4

24. Write a program which accept string from user and accept one character. Return index of last occurrence of that character.

Input 1: "Hello World"

Input 2: o

Output : The index of the last occurrence of 'o' in "Hello World" is: 7

25. Write a program which accept string from user reverse that string in place.

Input : "abcd"

Output : "dcba"

26. Write a program which accept string from user and copy the contents of that string into another string. (by implementing the `strcpy()` function.)

27. Write a program to accept a string from the user and copy the contents of that string into another string using the `strncpy()` function.

28. Write a program which accept string from user and copy capital characters of that string into another string.

Input : "I Am Programmer"

Output : IAP

## Assignment On String

29. Write a program which accept string from user and copy small characters of that string into another string.

Input : "Hello World"

Output : "ello orld"

30. Write a program which 2 strings from user and concat second string after first string. (Implement strcat() function).

Input 1: "Hello"

Input 2: " World"

**Output:** The concatenated string is: "Hello World"

31. Write a program which accept string from user and copy that characters of that string into another string in reverse order.

Input : "I am Programmer"

Output : "remmargorP ma I"

32. Write a program which accept string from user and copy that characters of that string into another string by removing all white spaces.

Input : "I am Program mer"

Output : "IamProgrammer"

33. Write a program which accept string from user and copy that characters of that string into another string by converting all small characters into capital case.

Input: "I Am Programmer @24"

Output : "I AM PROGRAMMER @24"

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## Assignment On String

34. Write a program which accept string from user and copy that characters of that string into another string by converting all capital characters into small case.

Input : "I Am Programmer @24"

Output : "i am programmer @24"

35. Write a program which accept string from user and copy that characters of that string into another string by toggling the case.

Input : "I AM Programmer @24"

Output : "i am p PROGRAMMER @24"

