

Practice Programs (Part – 2)

P1:- Write a python program to replace all occurrences of 'a' with '\$' in a string.

--Output--

Enter string: an apple in a day keeps doctor away

Modified string: \$n \$pple in \$ d\$y keeps doctor \$w\$y

P2:- Write a python program to detect if two strings are anagrams.

--Output--

Enter string 1: spar

Enter string 2: rasp

The strings are anagrams.

P3:- Write a python program to count the number of vowels and consonants in a string.

--Output--

Enter name: uttam

Total vowels: 2

Total consonents: 3

P4:- Write a python program to take in a string and replace every blank space with hyphen.

--Output--

Enter string: this is python programming

Modified string: this-is-python-programming

P5:- Write a python program to calculate the length of a string without using a library function.

```
--Output--  
Enter string:this is python training  
Length of the string is:  
23
```

P6:- Write a python program to calculate the number of words and the number of characters present in a string.

```
--Output--  
Enter string:this is python training  
Number of words in the string:  
4  
Number of characters in the string:  
20
```

P7:- Write a python program to take in two strings and display the larger string.

```
--Output--  
Enter string 1: hello  
Enter string 2: aeroplane  
Length of hello is smaller than aeroplane
```

P8:- Write a python program to check if a substring is present in a given string.

```
--Output--
```

```
Enter string:this is python programming
```

```
Enter word:python
```

```
Substring found in string!
```

P9:- Write a python program to count the occurrences of each word in a given string sentence.

```
--Output--
```

```
Enter String: hello world and hello python
```

```
Enter Word: hello
```

```
Count of word is : 2
```

P10:- Write a python program to calculate the number of digits and letters in a string.

```
--Output--
```

```
Enter string:hello5757py4969jjsggf88477
```

```
The number of digits is: 13
```

```
The number of characters is: 13
```