

1. Program to check if the given datatype is of string datatype
2. program to print elements present in even index
3. program to print alternate characters in the string
4. difference between a sequence and an iterable
5. program to reverse a string using slicing
6. program to convert uppercase to lowercase characters with and without inbuilt methods.
7. program to convert lowercase to uppercase characters with and without inbuilt methods.
8. program to swap the case in the given string with and without inbuilt methods
9. program to check if a substring is present in the string or not
10. program to print numeric values from the string with and without inbuilt methods
11. program to print alphabetical values from the string with and without inbuilt methods
12. program to print only special characters from the string with and without inbuilt methods
13. program to print both alpha numeric values from the string with and without inbuilt methods
14. Write a program to check if the given string is Palindrome or not with and without using reversed method.
15. Replace "how" to "who" in the string "hi how are you" with and without inbuilt methods
16. Replace all the vowels with "\*" in the string "hello world"
17. Replace all the characters which occurs more than once with "\*" in the string "hello world"
18. Write a Python program to accept a filename from the user and print the extension of that.  
Sample filename : abc.java  
Output : java"
19. convert a string to a list and vice-versa.
20. Convert the string "Hello welcome to Python" to a comma separated string.
21. Write a Program to print ascii values of the characters present in a string.

22. Find the longest word in the sentence

```
sentence = "Hello world. Welcome to Python"
```

23. Sum all the numbers in the below string.

```
s = "Sony12India567Pvt2Ltd"
```

24. Program to print the number of occurrences of characters in a String without using inbuilt functions.

```
s = 'helloworld'
```

25. Program to print only the repeated characters and count of the same.

```
s = 'helloworld'
```

26. Write a program to get alternate characters of a string

27. Find the longest non-repeated substring in the below string

```
s = "This is a Programming language and Programming is fun"
```

28. Write a program to count the number of white spaces in a given string

29. Write a program to rotate characters in a string

30. Write a program to print only non-repeated characters in a string

31. Write a program to print all the consonants in a given string

32. Write a program to count no of capital letters in a string

33. Write a program to find the first repeating character in a string

34. Write a program to find the index of nth occurrence of a sub-string in a string

```
>>> sentence = "hello world welcome to python hello hi how are you hello there"
```

35. Write a program to count the number of occurrences of non-special characters in a given string

```
>>> s = 'hello@world! welcome!!! Python$ hi how are you & where are you?'
```

36. Filter only those characters except digits

```
s = '@hello12world34welcome!123'
```

37. Find all max length words from the below sentence

```
>>> sentence = "hello world hi apple you yahoo to you"
```