

S.No: 12	Exp. Name: Write a python script to demonstrate string methods. 01.Capitalize the first character 02.Casefold the characters 03.Center the string 04.count the character 'a' in string 05.Encode to a binary 06.Check where the string ends with * 07.Check the position of the substring 'find' in the given input. 08.Starting index of 'c' character in a string 09.Check the string is numeric 10.Check the string is alphabet 11.Check the string is lower 12.split the string	Date:2024-04-01
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Aim:

Write a python script to demonstrate string methods.

- 01.Capitalize the first character
- 02.Casefold the characters
- 03.Center the string
- 04.count the character 'a' in string
- 05.Encode to a binary
- 06.Check where the string ends with *
- 07.Check the position of the substring 'find' in the given input.
- 08.Starting index of 'c' character in a string
- 09.Check the string is numeric
- 10.Check the string is alphabet
- 11.Check the string is lower
- 12.split the string

Source Code:

string_methods.py

```
a=input("Enter String: ")
print("python script to demonstrate string methods")
print("To Capitalize first character ",a.capitalize())
print("To casefold the characters",a.casefold())
print("To center the string",a.center(75,"*"))
print("To count the character 'a' in string",a.count('a'))
print("To encode to a binary",a.encode())
print("To check where the string ends with *",a.endswith("*"))
print("To find the substring starting position",a.find("t",-1))
print("To get the starting index of 'c' character in a string",a.index('c'))
print("To check the string is numeric",a.isalnum())
print("To check the string is alphabet",a.isalpha())
print("To check the string is lower",a.islower())
print("To split the string",a.split())
```

Execution Results - All test cases have succeeded!

Test Case - 1
User Output
Enter String: codetantra
python script to demonstrate string methods
To Capitalize first character Codetantra
To casefold the characters codetantra
To center the string *****codetantra*****
To count the character 'a' in string 2
To encode to a binary b'codetantra'

To check where the string ends with *	False
To find the substring starting position	-1
To get the starting index of 'c' character in a string	0
To check the string is numeric	True
To check the string is alphabet	True
To check the string is lower	True
To split the string ['codetantra']	