**STRINGS**

**var1 = 'Hello World!'**

**var2 = "Python Programming"**

**print(var1," ",var2)**

****

**var1 = 'Hello World!'**

**var2 = "Python Programming"**

**print (var1[0])**

**print (var2[1:5])**

****

**var1 = 'Hello World!'**

**print ("Updated String :- ", var1[0:6] + 'Hemalatha' + var1[5:11])**

****

**str1 = input("Enter your own String : ")**

**str2 = str1**

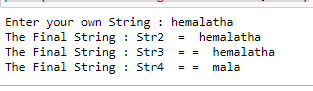
**str3 = str1[:]**

**str4 = str1[2:6]**

**print("The Final String : Str2 = ", str2)**

**print("The Final String : Str3 = = ", str3)**

**print("The Final String : Str4 = = ", str4)**

****

**#Python String capitalize() method returns a copy of the string with only its first character capitalized.**

**str = "this is the string example....wow!!!";**

**print ("str.capitalize() : ", str.capitalize())**

****

**#center() returns centered in a string of length width. Padding is done using the specified fillchar. Default filler is a space.**

**str = "this is string example....wow!!!"**

**print ("str.center(40, 'a') : ", str.center(40, '\*'))**

****

**#count() returns the number of occurrences of substring sub in the range [start, end].**

**#str.count(sub, start= 0,end=len(string))**

**str = "This is the string example....wow!!!";**

**sub = "i";**

**print ("str.count(sub, 3, 60) : ", str.count(sub, 3, 60))**

**sub = "s";**

**print ("str.count(sub) : ", str.count(sub))**

****

**#find() determines if string str occurs in string, or in a substring of string if starting index beg and ending index end are given.**

**#str.find(str, beg=0, end=len(string))**

**str1 = "This is string is example....wow!!!";**

**str2 = "is";**

**print (str1.find(str2))**

**print (str1.find(str2, 10))**

**print (str1.find(str2, 40))**

****

**#index() determines if string str occurs in string or in a substring of string if starting index beg and ending index end are given.**

**str1 = "This is string exam example....wow!!!";**

**str2 = "exam";**

**print (str1.index(str2))**

**print (str1.index(str2, 16,32))**

****

**#isalnum() checks whether the string consists of alphanumeric characters.**

**str = "thisis2021"; # No space in this string**

**print (str.isalnum())**

**str = "this is string example....wow!!!";**

**print (str.isalnum())**

****

**str = "pothahemalatha"; # No space & digit in this string**

**print (str.isalpha())**

**str = "this is string example....wow!!!";**

**print (str.isalpha())**

****

**str = "123456"; # Only digit in this string**

**print (str.isdigit())**

**str = "this is string example....wow!!!";**

**print (str.isdigit())**

****

**str = " THIS is string example....wow!!!";**

**print (str.islower())**

**str = "this is string example....wow!!!";**

**print (str.islower())**

****

**str = "this2009";**

**print (str.isnumeric())**

**str = "23443434";**

**print (str.isnumeric())**

****

**str = " ";**

**print (str.isspace())**

**str = "This is string example....wow!!!";**

**print (str.isspace())**

****

**str = "This Is String Example...Wow!!!";**

**print (str.istitle())**

**str = "This is string example....wow!!!";**

**print (str.istitle())**

****

**str = "THIS IS STRING EXAMPLE....WOW!!!";**

**print (str.isupper())**

**str = "THIS is string example....wow!!!";**

**print (str.isupper())**

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**#join() returns a string in which the string elements of sequence have been joined by str separator.**

**s = " \* \* ";**

**seq = ("abc", "bttt", "cqweqe"); # This is sequence of strings.**

**print (s.join( seq ))**

****

**str = "this is string example....wow!!!";**

**print ("Length of the string: ", len(str))**

****

**#lstrip() returns a copy of the string in which all chars have been stripped from the beginning of the string(default whitespace characters)**

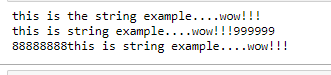
**str = " this is the string example....wow!!! ";**

**print (str.lstrip())**

**str = "88888888this is string example....wow!!!999999";**

**print (str.lstrip('8'))**

**print (str.rstrip('9'))**

****

**str = "THIS IS STRING EXAMPLE....WOW!!!";**

**print (str.lower())**

****

**#returns largest character**

**str = "check....wow!!!";**

**print ("Max character: " + max(str))**

**str = "hemas....!!!";**

**print ("Max character: " + max(str))**

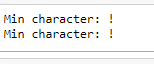
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**str = "this-is-real-string-example....wow!!!";**

**print ("Min character: " + min(str))**

**str = "this-is-a-string-example....wow!!!";**

**print ("Min character: " + min(str))**

****

**#str.replace(old, new[, max])**

**str = "that is string example....wow!!! that is really string"**

**print (str.replace("is", "was"))**

**print (str.replace("is", "was", 3))**

****

**str = "this is string example....wow!!!";**

**print (str.startswith( 'this' ))**

**print (str.startswith( 'is', 2, 4 ))**

**print (str.startswith( 'this', 0, 3))**

****

**str = "this is string example....wow!!!";**

**print ("str.capitalize() : ", str.upper())**

****

**str = "this is string example....wow!!!";**

**print (str.swapcase())**

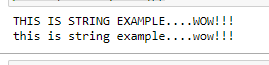
****

**str = "this is string example....wow!!!";**

**print (str.swapcase())**

**str = "THIS IS STRING EXAMPLE....WOW!!!";**

**print (str.swapcase())**

****