

In [1]:

```
var1 = 'Hello World!'
var2 = "Python Programming"
print(var1, " ", var2)
```

Hello World! Python Programming

In [3]:

```
var1 = 'Hello World!'
var2 = "Python Programming"
print (var1[0])
print (var2[1:5])
```

H
ytho

In [4]:

```
var1 = 'Hello World!'
print ("Updated String :- ", var1[0:6] + 'Nikhitha')
```

Updated String :- Hello Nikhitha

In [6]:

```
str1 = input("Please 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)
```

Please Enter Your Own String : nikhitha
The Final String : Str2 = nikhitha
The Final String : Str3 = = nikhitha
The Final String : Str4 = = khith

In [7]:

```
str = "this is string example....wow!!!";
print ("str.capitalize() : ", str.capitalize())
```

str.capitalize() : This is string example....wow!!!

In [8]:

```
str = "this is string example....wow!!!";
sub = "i";
print ("str.count(sub, 4, 40) : ", str.count(sub, 4, 40))
sub = "wow";
print ("str.count(sub) : ", str.count(sub))
```

str.count(sub, 4, 40) : 2
str.count(sub) : 1

In [9]:

```
str1 = "this is string example....wow!!!";  
str2 = "is";  
print (str1.find(str2))  
print (str1.find(str2, 10))  
print (str1.find(str2, 40))
```

2
-1
-1

In [10]:

```
str1 = "this is string example....wow!!!";  
str2 = "exam";  
print (str1.index(str2))  
print (str1.index(str2, 10,32))
```

15
15

In [11]:

```
str = "this2009";  
print (str.isalnum())  
str = "this is string example....wow!!!";  
print (str.isalnum())
```

True
False

In [12]:

```
str = "NikhithaG";  
print (str.isalpha())  
str = "this is string example....wow!!!";  
print (str.isalpha())
```

True
False

In [13]:

```
str = "THIS is string example....wow!!!";  
print (str.islower())  
str = "this is string example....wow!!!";  
print (str.islower())
```

False
True

In [14]:

```
str = " ";
print (str.isspace())
str = "This is string example....wow!!!";
print (str.isspace())
```

True
False

In [15]:

```
str = "THIS IS STRING EXAMPLE....WOW!!!";
print (str.isupper())
str = "THIS is string example....wow!!!";
print (str.isupper())
```

True
False

In [16]:

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

abc * * bttt * * cqweqe

In [17]:

```
str = "this is string example....wow!!!";
print ("Length of the string: ", len(str))
```

Length of the string: 32

In [18]:

```
str = "    this is string example....wow!!!    ";
print (str.lstrip())
str = "88888888this is string example....wow!!!9999999";
print (str.lstrip('8'))
print (str.rstrip('9'))
```

this is string example....wow!!!
this is string example....wow!!!9999999
88888888this is string example....wow!!!

In [19]:

```
str = "THIS IS STRING EXAMPLE....WOW!!!";
print (str.lower())
```

this is string example....wow!!!

In [21]:

```
str = "check...wow!!!";  
print ("Max character: " + max(str))  
str = "nikhitha....!!!";  
print ("Max character: " + max(str))
```

Max character: w

Max character: t

In [22]:

```
str = "this-is-real-string-example...wow!!!";  
print ("Min character: " + min(str))  
str = "this-is-a-string-example...wow!!!";  
print ("Min character: " + min(str))
```

Min character: !

Min character: !

In [23]:

```
str = "this is string example...wow!!! this is really string"  
print (str.replace("is", "was"))  
print (str.replace("is", "was", 3))
```

thwas was string example...wow!!! thwas was really string

thwas was string example...wow!!! thwas is really string

In [24]:

```
str = "this is string example...wow!!!";  
print (str.startswith( 'this' ))  
print (str.startswith( 'is', 2, 4 ))  
print (str.startswith( 'this', 2, 4 ))
```

True

True

False

In [25]:

```
str = "this is string example...wow!!!";  
print ("str.capitalize() : ", str.upper())
```

str.capitalize() : THIS IS STRING EXAMPLE....WOW!!!

In [26]:

```
str = "this is string example...wow!!!";  
print (str.swapcase())  
str = "THIS IS STRING EXAMPLE....WOW!!!";  
print (str.swapcase())
```

THIS IS STRING EXAMPLE....WOW!!!

this is string example...wow!!!

In []: