In [73]:
```
my_string = "This is a string"
```

In [74]:
```
#Lowercase all the characters.
my_string.lower()
```

Out[74]: 'this is a string'

In [75]:
```
#UPPERCASE all the characters.
my_string.upper()
```

Out[75]: 'THIS IS A STRING'

In [76]:
```
#Capitalize first character of String
my_string.capitalize()
```

Out[76]: 'This is a string'

In [77]:
```
# Covert the string in Title case, i.e First character of every word
 is capital.
my_string.title()
```

Out[77]: 'This Is A String'

In [78]:
```
#Swap cases of every character
my_string.swapcase()
```

Out[78]: 'tHIS IS A STRING'

In [79]:
```
#String Formatting, Two Methods.
name = "Ashish"
print(f"Hi {name}, Welcome to day 3.")
print("Hi {name}, Welcome to day 3.".format(name=name))
```

```
Hi Ashish, Welcome to day 3.
Hi Ashish, Welcome to day 3.
```

In [80]:
```
#String Slicing, upper value is exclusive
print(my_string[0:10]) #one step jump.
print(my_string[0:10:2]) #two step jump.
```

```
This is a
Ti sa
```

In [81]:
```
#String Reverse
print(my_string[::-1])
```

```
gnirts a si sihT
```

In [82]:
```
#Split string by delimeter.
my_list = my_string.split(" ")
print(my_list)
my_list = my_list[::-1]
print(my_list)
```

```
['This', 'is', 'a', 'string']
['string', 'a', 'is', 'This']
```

In [83]:
```
" ".join(my_list)
```

Out[83]:
```
'string a is This'
```

In [84]:
```
my_string = "      This is a string       "
```

In [85]:
```
# Remove spaces at staring and end
my_string.strip()
```

Out[85]:
```
'This is a string'
```

In [86]:
```
my_string = "This is a string"
```

In [87]:
```
#Returns number of coccurance of a sub string in main string.
my_string.count("is")
```

Out[87]:
```
2
```

In [88]:
```
# Encode the string is particular format. Default utf-8. b represents
bytes.
encoded_string = my_string.encode()
encoded_string
```

Out[88]:
```
b'This is a string'
```

In [89]:
```
# Decode Bytes back to string. Default utf-8.
encoded_string.decode()
```

Out[89]:
```
'This is a string'
```

In [90]:
```
#check if the string is of numeric values. i.e "12345"
my_string = "This is a string"
print(my_string.isalnum())
my_string = "132313131313"
print(my_string.isalnum())
my_string = "This 132313131313"
print(my_string.isalnum())
```

```
False
True
False
```

In [91]:
```
# Returns the index of the string, index starts with 0.
my_string = "This is a string"
my_string[10]
```

Out[91]:
```
's'
```

In [ ]:
```

```