capitalize():- *Converts the first character to uppercase*

```
"HeLo PyThOn".capitalize()
'Helo python'
```

casefold():- *Converts string into lower case*

```
"HeLo PyThOn".casefold()
'helo python'
```

center():- *Returns a centered string*

```
"hello".center(11, '-')
'---hello---'
```

count():- *Returns the number of times a specified value occurs in a string*

```
"hello python".count('o')
2
```

encode():- *Returns an encoded version of the string*

```
"Jåmes".encode()
b'J\xc3\xa5mes'
```

endswith():- *Returns true if the string ends with the specified value*

```
"HeLo PyThOn".endswith('n')
True
```

expandtabs():- *Sets the tab size of the string*

```
"h\te\ty\ta".expandtabs(2)
'h e y a'
"h\te\ty\ta".expandtabs(3)
'h  e  y  a'
```

find():- *Searches the string for a specified value and returns the position of where it was found else returns -1*

```
"hello python".find('o')
4
```

format():- *Formats specified values in a string*

```
"{0}, {1}".format("hi", "there")
'hi, there'
```

index():- *Searches the string for a specified value and returns the position of where it was found else raises ValueError*

```
"hello python".index('o')
4
```

isalnum():- *Returns True if all characters in the string are alphanumeric*

```
"2hello1".isalnum()
True
```

isalpha():- *Returns True if all characters in the string are in the alphabet*

```
"hellopython".isalpha()
True
```

isdecimal():- *Returns True if all characters in the string are decimals*

```
"1234".isdecimal()
True
```

isdigit():- *Returns True if all characters in the string are digits*

```
"1234".isdigit()
True
```

isidentifier():-*Returns True if the string is an identifier*

```
"hi".isidentifier()
True
"2hi".isidentifier()
False
```

islower():- *Returns True if all characters in the string are lower case*

```
"hello".islower()
True
```

isnumeric():- *Returns True if all characters in the string are numeric*

```
"12311".isnumeric()
True
```

isprintable():-*Returns True if all characters in the string are printable*

```
"\w".isprintable()
True
"\n".isprintable()
False
```

isspace():- *Returns True if all characters in the string are whitespaces*

```
"  ".isspace()
True
"  \n".isspace()
True
```

istitle():- *Returns True if the string follows the rules of a title*

```
"Hello".istitle()
True
```

isupper():- *Returns True if all characters in the string are upper case*

```
"HELLO".isupper()
True
```

join():- *Joins the elements of an iterable to the end of the string*

```
"-".join('hello')
'h-e-l-l-o'
```

ljust():- *Returns a left justified version of the string*

```
"hello".ljust(10)
'hello     '
```

lower():- *Converts a string into lower case*

```
"HELLO".lower()
'hello'
```

lstrip():- *Returns a left trim version of the string*

```
"    hello".lstrip()
'hello'
```

maketrans():-*Returns a translation table to be used in translations*

```
str.maketrans('aeiou', '12345')
{97: 49, 111: 52, 117: 53, 101: 50, 105: 51}
```

partition():- *Returns a tuple where the string is parted into three parts*

```
"hello there python".partition('there')
('hello ', 'there', ' python')
```

replace():- *Returns a string where a specified value is replaced with a specified value*

```
"helpo".replace('p', 'l')
'hello'
```

rfind():- *Searches the string for a specified value and returns the last position of where it was found*

```
"hello there learner".rfind('e')
17
```

rindex():- *Searches the string for a specified value and returns the last position of where it was found*

```
"hello there learner".rindex('e')
17
```

rjust():- *Returns a right justified version of the string*

```
"hello".rjust(10)
'     hello'
```

rpartition():- *Returns a tuple where the string is parted into three parts*

```
"hello there hello here".rpartition("hello")
('hello there ', 'hello', ' here')
```

rstrip():- *Returns a right trim version of the string*

```
"   hello    ".rstrip()
'   hello'
```

split():- *Splits the string at the specified separator, and returns a list*

```
"hi there hi".split()
['hi', 'there', 'hi']
```

splitlines():- *Splits the string at line breaks and returns a list*

```
"hi\n there hi".splitlines()
['hi', ' there hi']
```

startswith():- *Returns true if the string starts with the specified value*

```
"hi".startswith("h")
True
```

strip():- *Returns a trimmed version of the string*

```
"     hi   ".strip()
'hi'
```

swapcase():- *Swaps cases, lower case becomes upper case and vice versa*

```
"HeLo PyThOn".swapcase()
'hElO pYtHoN'
```

title():- *Converts the first character of each word to upper case*

```
"HeLo PyThOn".title()
'Helo Python'
```

translate():- *Returns a translated string*

```
"Ha He Hi Ho Hu".translate(str.maketrans('aeiou', '12345'))
'H1 H2 H3 H4 H5'
```

upper():- *Converts a string into upper case*

```
"HeLo PyThOn".upper()
'HELO PYTHON'
```

zfill():- *Fills the string with a specified number of 0 values at the beginning*

```
"10".zfill(5)
'00010'
```