

```
In [3]: s='hello'
```

```
In [5]: s
```

```
Out[5]: 'hello'
```

```
In [7]: type(s)
```

```
Out[7]: str
```

```
In [9]: s
```

```
Out[9]: 'hello'
```

```
In [11]: s.capitalize()
```

```
Out[11]: 'Hello'
```

```
In [13]: s.lower()
```

```
Out[13]: 'hello'
```

```
In [15]: s.swapcase()
```

```
Out[15]: 'HELLO'
```

```
In [17]: s.title()
```

```
Out[17]: 'Hello'
```

```
In [19]: s.upper()
```

```
Out[19]: 'HELLO'
```

```
In [21]: s2='World'
```

```
In [23]: s2
```

```
Out[23]: 'World'
```

```
In [25]: type(s2)
```

```
Out[25]: str
```

```
In [27]: s2 in s
```

```
Out[27]: False
```

```
In [29]: s+s2
```

```
Out[29]: 'helloWorld'
```

```
In [31]: len(s)
```

```
Out[31]: 5
```

```
In [33]: len(s2)
```

```
Out[33]: 5
```

```
In [35]: max(s)
```

```
Out[35]: 'o'
```

```
In [37]: max(s2)
```

```
Out[37]: 'r'
```

```
In [39]: min(s)
```

```
Out[39]: 'e'
```

```
In [41]: min(s2)
```

```
Out[41]: 'W'
```

```
In [43]: s2 not in s
Out[43]: True

In [45]: s*4
Out[45]: 'hellohellohellohello'

In [47]: s[4]
Out[47]: 'o'

In [49]: s[3]
Out[49]: 'l'

In [51]: s[1:4:1]
Out[51]: 'ell'

In [53]: s[2:5]
Out[53]: 'llo'

In [55]: s[1:5]
Out[55]: 'ello'

In [57]: s.count(s2)
Out[57]: 0

In [59]: s.center(-1)
Out[59]: 'hello'

In [61]: s.isspace()
Out[61]: False

In [63]: s.ljust(4)
Out[63]: 'hello'

In [65]: s.rjust(4)
Out[65]: 'hello'

In [67]: s.strip()
Out[67]: 'hello'

In [69]: s.index(s2,h,w)
-----
NameError                                Traceback (most recent call last)
Cell In[69], line 1
----> 1 s.index(s2,h,w)
NameError: name 'h' is not defined

In [71]: s.find(s2)
Out[71]: -1

In [73]: s.index(s2)
-----
ValueError                                Traceback (most recent call last)
Cell In[73], line 1
----> 1 s.index(s2)
ValueError: substring not found

In [75]: s3='how are you'

In [77]: s3
Out[77]: 'how are you'
```

```
In [79]: type(s3)
```

```
Out[79]: str
```

```
In [81]: s.replace(s2,s3)
```

```
Out[81]: 'hello'
```

```
In [83]: s2
```

```
Out[83]: 'World'
```

```
In [85]: s3
```

```
Out[85]: 'how are you'
```

```
In [87]: s
```

```
Out[87]: 'hello'
```

```
s.replace(s2,s3,count)
```

```
In [89]: s.rfind(s2)
```

```
Out[89]: -1
```

```
In [92]: s.rindex(s2)
```

```
-----  
ValueError                                Traceback (most recent call last)  
Cell In[92], line 1  
----> 1 s.rindex(s2)  
ValueError: substring not found
```

```
In [94]: s.casefold()
```

```
Out[94]: 'hello'
```

```
In [96]: s.islower()
```

```
Out[96]: True
```

```
In [98]: s.istitle()
```

```
Out[98]: False
```

```
In [100]: s.isupper()
```

```
Out[100]: False
```

```
In [102]: s.endswith(s2)
```

```
Out[102]: False
```

```
In [104]: s.isalnum()
```

```
Out[104]: True
```

```
In [106]: s.isalpha()
```

```
Out[106]: True
```

```
In [108]: s.isdecimal()
```

```
Out[108]: False
```

```
In [110]: s.isnumeric()
```

```
Out[110]: False
```

```
In [116]: s.startswith(s2)
```

```
Out[116]: False
```

```
In [118]: s.join('123')
```

```
Out[118]: '1hello2hello3'
```

In [136]: `s.partition(sep)`

```
-----  
NameError                                Traceback (most recent call last)  
Cell In[136], line 1  
----> 1 s.partition(sep)  
  
NameError: name 'sep' is not defined
```

In []:

Loading [MathJax]/jax/output/CommonHTML/fonts/TeX/fontdata.js