

STRING FUNCTIONS

```
In [2]: print(""" Dear Alice,  
          Eves cat has been arrested for Catnapping,  
          cat burglary, and edtortion.  
  
          Sincerely,  
          Bob""")
```

Dear Alice,
Eves cat has been arrested for Catnapping,
cat burglary, and edtortion.

Sincerely,
Bob

```
In [4]: print(""" this is multii line printing  
          This is second Line  
          This is third line  
          this is fourth line  
  
          this is Final line  
  
          Signature  
          Santhosh""")
```

this is multii line printing
This is second Line
This is third line
this is fourth line

this is Final line

Signature
Santhosh

```
In [8]: string = "Hello World!"  
        string
```

Out[8]: 'Hello World!'

```
In [10]: string[0]
```

Out[10]: 'H'

```
In [16]: string[0:5]
```

Out[16]: 'Hello'

```
In [18]: string[::-1]
```

Out[18]: '!dlroW olleH'

```
In [20]: string[:6]
```

```
Out[20]: 'Hello '
```

```
In [26]: string[0:20:3]
```

```
Out[26]: 'HlWl'
```

```
In [28]: 'Hello' in string
```

```
Out[28]: True
```

```
In [30]: "HELLO" in string
```

```
Out[30]: False
```

```
In [32]: string.upper()
```

```
Out[32]: 'HELLO WORLD!'
```

```
In [36]: string.center(10,fillchar = 6)
```

```
-----  
TypeError                                Traceback (most recent call last)  
Cell In[36], line 1  
----> 1 string.center(10,fillchar = 6)  
  
TypeError: str.center() takes no keyword arguments
```

```
In [44]: 'san'.join(['My','name','is','Simon'])
```

```
Out[44]: 'MysannamesanissanSimon'
```

```
In [46]: string
```

```
Out[46]: 'Hello World!'
```

```
In [48]: string.split()
```

```
Out[48]: ['Hello', 'World!']
```

```
In [50]: string
```

```
Out[50]: 'Hello World!'
```

```
In [56]: string.rjust(50)
```

```
Out[56]: '                                Hello World!'
```

```
In [58]: set1 = {2,2,3,3,4,5,6}
```

```
In [60]: set1
```

Out[60]: {2, 3, 4, 5, 6}

In []: set1.