

String/text/char DataType



```
[6]: name = "chandrashekar"

[8]: type(name)

[8]: str

[10]: name.upper()

[10]: 'CHANDRASHEKAR'

[12]: name.lower()

[12]: 'chandrashekar'

[14]: name.capitalize()

[14]: 'Chandrashekar'

[28]: a="welcome to python programming python is popular scripting language"

[38]: a.split(" ")

[38]: ['welcome',
      'to',
      'python',
      'programming',
      'python',
      'is',
      'popular',
      'scripting',
      'language']

[40]: b="welcome to python programming python is popular scripting language"

[48]: b.replace("python","Java").split(" ")

[48]: ['welcome',
      'to',
      'Java',
      'programming',
      'Java',
      'is',
      'popular',
      'scripting',
      'language']

[50]: b.isalnum()

[50]: False

[56]: c="1234"

[58]: c.isalnum()

[58]: True

[68]: d="  python  "

[70]: d

[70]: '  python  '

[72]: d.strip()

[72]: 'python'

[74]: d.lstrip()

[74]: 'python  '

[76]: d.rstrip()

[76]: '  python'

[84]: d.strip().center(50,"*")

[84]: '*****python*****'

[86]: e="101"

[100]: e.zfill(5)

[100]: '00101'

[104]: b

[104]: 'welcome to python programming python is popular scripting language'

[108]: b.startswith("a")

[108]: False

[114]: b.endswith("language")

[114]: True

[120]: help(e.zfill)

Help on built-in function zfill:

zfill(width, /) method of builtins.str instance

    Pad a numeric string with zeros on the left. The string is left-aligned.
```

Pad a numeric string with zeros on the left, to fill a field of the given width.

The string is never truncated.

```
[ ]: # INDEXING
[122]: name = "chandrashekar"
[124]: name[4]
[124]: 'd'
[126]: name[0]
[126]: 'c'
[132]: name[0:7]
[132]: 'chandra'
[142]: name[7:]
[142]: 'shekar'
[144]: name[-1]
[144]: 'r'
[154]: name[-6:]
[154]: 'shekar'
[ ]:
```