

python Workshop

Rahul Kumar

Computer Science and Engineering

BMS College of Engineering, Bangalore

Strings

What is string?

sequence of characters

Sequence of characters! Really ?

```
>>> college = "BMSCE"
```

```
>>> print college[2]
```

S

```
>>> print college[0]
```

B

Character	B	M	S	C	E
Index	0	1	2	3	4

String **built-in** Functions

len function is used to count the number of characters in the array

```
>>> len(college)
5
```

Using + will **concatenate** two strings

```
>>> city = "Bangalore"
>>> address = college + " " + city
>>> print address
BMSCE Bangalore
```

Sequence of characters

```
name = "BMSCE"  
for letter in name:  
    print letter
```

OUTPUT

B
M
S
C
E

Sequence of characters

```
name = "BMSCE"  
for letter in name:  
    print letter
```

OUTPUT

B
M
S
C
E

in keyword

<code>name = "BMS College of Engineering"</code>	OUTPUT
<code>vowel = "aeiouAEIOU"</code>	o
<code>for letter in name:</code>	e
<code>if(letter in vowel):</code>	e
<code>print letter</code>	o
	E
	i
	e
	e
	i

String comparison

```
a = "Apple"  
b = "Dell"  
if (a>b):  
    print a  
else:  
    print b
```

OUTPUT
Dell

Thank You

rahulcomp24@gmail.com

python@bmsceieee.com

Assignments & Presentations:

<https://github.com/rahulcomp24/Python-Workshop-CS-Dept-BMSCE-May-2016>

