

Python Strings

Operations on strings and examples:

Multiline strings

```
x = " " " This is a
multiline string " " "
```

Get the character at a specific position

```
x = " Python Progra mmi ng"
print( x[1])      #print character at position 1
>>> y
```

Slicing

```
x = " Python Progra mmi ng"
print( x[3:5])
>>> ho
```

Negative Indexing

```
x = " Python Progra mmi ng"
print( x[- 15: -13])
>>> ho
```

String Length

```
x = " Hel lo"
print( len(x))
>>> 5
```

Remove any whitespace from the beginning or the end

```
x = "    Hello    "
print( x.strip())      #return " Hel lo"
```

Return the string in lower case

```
x = Hello
print( x.lower())      #return " hel lo"
```

Python Strings

Return the string in upper case

```
x = Hello
print( x.upper())      #return " HEL LO"
```

Replace a string with another string

```
x = " Hel lo"
print( x.replace("He " ,"A"))      #return " All
```

Choose a separator and split string into substrings

```
x = " Python Progra mmi ng"
print( x.split(" ")) # return ['Python' , 'Progr a
g']
```

Check if a string is present in a text

```
txt = " Tunisia is a North African countr y"
x = " Nor th" in txt
print(x) # return True
```

Concatenation

```
x = " Hel lo"
y = " Wor ld"
z = x + " " + y
print(z) # return " Hello World"
```

Insert numbers into strings

```
quantity = 3
itemno = 567
price = 49.95
myorder = "I want {} pieces of item {} for {} dollar
print(myorder.format(quantity, itemno, price))
```



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