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.s trip())    #return " Hel lo"
```

Return the string in lower case

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

Python Strings

Return the string in upper case

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

Replace a string with another string

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

Choose a separator and split string into substrings

```
x = " Python Progra mmi ng"
 print( x.s pli t(" ")) # 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))
```