Python Programming
String Manipulation

Mostafa S. Ibrahim
Teaching, Training and Coaching since more than a decade!

Artificial Intelligence & Computer Vision Researcher
PhD from Simon Fraser University - Canada
Bachelor / Msc from Cairo University - Egypt
Ex-(Software Engineer / ICPC World Finalist)

String Manipulation

```python
3   print('I am mostafa')              # I am mostafa
4   print('I am' + ' ' + 'mostafa')    # I am mostafa
5
6   str1 = 'I am'
7   str2 = ' mostafa'
8   print(str1 + str2)                 # I am mostafa
9
10  print(str1 * 3)                    # I amI amI am
11  print(2 * str1 + str2)             # I amI am mostafa
12
13  str1 = 'Hello '
14  str3 = str1 + str2 + str1
15  print(str3)                        # Hello  mostafaHello
16
17  # \t is escape character for TAB
18  # A Tab character shifts over to the next tab stop.
19  # By default, there is one every 8 spaces.
20  print('Hello\tworld')              # Hello   world
21  print('Hello\t\tworld')            # Hello           world
```

Optional reading about Tab

Using """"

```python
"""hello world"""           # comment
print('''hello world''')    # hello world
print("""hello world""")    # hello world

# hello let's learn "a lot" world
print("""hello let's learn "a lot" world""")

"""
Easily print
on several lines

using me
"""
print("""Easily print
on several lines

using me
""")
```

"Acquire knowledge and impart it to the people."

"Seek knowledge from the Cradle to the Grave."