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**Branch: CSE(6th sem.)**

**Assignment 1:-**

**• How do you concatenate two strings in Python?**

ANS.

a = "Hello"  
b = "World!"  
  
# concatenate string with join function  
c = " ".join([a, b])  
print(c)  
  
#concatenate function using '+' operator  
d = a+" "+ b  
print(d)

**• What method would you use to convert a string to lowercase in Python?**

ANS. We can easily conver a string in lowercase with the help of lower() function.

a = "Hello"

print(a.lower())

**• How can you find the length of a string in Python?**

ANS. For finding the length of any string we can use len() function.

a = "Hello"

print(len(a))

**• Remove the white space from left side of given string, st = “ hello LIET “.**

ANS. For remove white space from left side we can use left strip method using lstrip() function.

a = " Hello"

print(a.lstrip())

**• What is the difference between the "insert()" and "append()" methods when adding elements to a list in Python, give an example by coding.**

ANS.

1. Append() function: It adds an element at the end of the list. It added only single element at the end of the list.

Example:

a = [“hello”,”This”,”is”]

a.insert(“Rohan jangir”)

print(a)

2. Insert() function: This Method can be used to insert a value at any particular position in the list. For inset any element we need a index where we insert our element.

Example:

a = [“hello”,”how”,”are”,”you”]

a.append(1, “Rohan jangir”)

print(a)