

Assignment-3

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1) Write Example code for Concatenation

A) Concatenation is nothing but the process of joining two or more objects, most commonly strings, to create a single new object.

Example codes:-

using "+"

Fname = "Likith"

Sname = "Reddy"

FullName = Fname + Sname

print(FullName)

O/p:-

LikithReddy

Using +=

word = "Hello"

word += ", " + FullName

print(word)

O/p :

Hello, LikithReddy

2) Write one examples for each formatting techniques

A) Using 'str.format()'

```
name = "Likith"
```

```
age = 19
```

```
print("My name is {} and I am {} years old.".format(name, age))
```

o/p:-
My name is Likith and I am 19 years old.

Using '%' formatting

```
name = "Likith"
```

```
age = 19
```

```
print("My name is %s and I am %d years old." % (name, age))
```

o/p:-

My name is Likith and I am 19 years old.

+ Code + Text

+ Code

+ Text

0s



```
name = "Likith"  
age = 19  
inf = "Hello, %s! You are %d years old." % (name, age)  
print(inf)
```

Hello, Likith! You are 19 years old.

+ Code + Text

+ Code

+ Text

0s



```
full_name = "{first_name} {last_name}".format(first_name="Likith", last_name="Reddy")  
print(full_name)
```

Likith Reddy

+ Code + Text

✓
0s




```
from string import Template
```

```
t = Template("Hello, $name!")  
FullName = t.substitute(name="Likith")  
print(FullName)
```



Hello, Likith!

 a = 10
d and replace

```
c = a+b  
d = a-b  
e = a*b  
f = a/b  
g = a//b  
h = a//b  
i = a%b  
print(c)  
print(d)  
print(e)  
print(f)  
print(g)  
print(h)  
print(i)
```

```
15  
5  
50  
2.0  
2  
2  
0
```



```
a = 10
a -= 6
d = 3
d *= 4
e = 15
e /= 5
f = 7
f **= 2
x = 11
x %= 3
j = 12
j //= 4
print(a)
print(d)
print(e)
print(f)
print(x)
print(j)
```



```
4
12
3.0
49
2
3
```