Assignment - 5   S. Sai Likith Reddy (41733069)

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.

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

```
Hello, Likith! You are 19 years old.
```

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

Likith Reddy

```python
from string import Template

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

```
Hello, Likith!
```

```python
a = 10
```
```python
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
```

```python
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
```