Print

Print is used to get any thing printed on the console

(#) is used to make any comment

In [1]:
```python
#Print Hello World
print("Hello World")
```
Hello World

In [2]:
```python
print("Hey! I am an upcoming coder")
print("I am going to step into world of programming")
```
Hey! I am an upcoming coder
I am going to step into world of programming

In [7]:
```python
# Print the result of a mathematical operation
x = 1
y = 2
print('sum of x + y is = ', x+y)
```
sum of x + y is = 3

In [8]:
```python
# Addind Space in output. Take the above example.
x = 1
y = 2
print('sum                      of x + y is = ', x+y)
```
sum   of x + y is = 3

In [9]:
```python
# the difference between print(x) & print('x')
x = "Hello World"
print (x) #1st - Print the value of x, where x is a variable
print ('x') #2nd - Print whatever is within the ''.
```
Hello World
x

Lets have some fun

In [10]:
```python
print("A" + "B")
```
AB

In [14]:
```python
print ('Play' *3)
```
PlayPlayPlay

Python Keywords

There are few words that are used by the Python language itself. So, we can't use those words for the name of our variables as they are reserved for Python

and	assert	as
async	await	break
class	continue	def
del	elif	else
except	finally	for
from	global	if
import	in	is
lambda	nonlocal	not
or	pass	raise
return	try	while
with	yield	True
False	None	

Python Identifiers

An identifier is a name we give to entities like variables, functions, classes, etc.

x = 10 here x is an identifier

Rules for writing Python Identifiers

1. Identifiers can be a combination of lowercase (a - z) and uppercase (A - Z) letters, digits (0 - 9) or an underscore (_). Special characters (*, %, #, !, @, $, etc.) cannot be present in identifiers. Eg, Message1, num_max are valid identifiers and num@ is an invalid identifier.

2. Identifiers cannot start with a digit. Eg, 2num is an invalid identifier.

3. In Python, identifier names are case-sensitive, i.e. num and Num will be treated as different identifiers

4. Keywords cannot be used as identifiers. Eg, break is an invalid identifier.