**PYTHON BUILT IN FUNCTIONS**

1. abs()

Return the absolute value of a number:

x = abs (-7.25)

1. all()

Check if all items in a list are true:

x = all (True, True, True)

1. zip()

Join two tuples together:

a = ("John", "Charles", "Mike")  
b = ("Jenny", "Christy", "Monica")  
  
x = zip(a, b)

1. type()

Return the type of these objects:

a = ('apple', 'banana', 'cherry')  
b = "Hello World"  
c = 33  
  
x = type(a)  
y = type(b)  
z = type(c)

1. tuple()

Returns a tuple:

x = tuple(('apple', 'banana', 'cherry'))

1. sum()

Sums the items of an iterator:

a = (1, 2, 3, 4, 5)

x = sum(a)

1. str():

Returns a string object

x = str(3.5)

1. str():

Returns a string object

x = str(3.5)

1. sorted( ):

Returns a sorted list

a = ("b", "g", "a", "d", "f", "c", "h", "e")

x = sorted(a)

1. slice( );

Returns a slice object:

a = ("a", "b", "c", "d", "e", "f", "g", "h")  
x = slice(2)  
print(a[x])

1. set( )

Returns a new set object:

x = set(('apple', 'banana', 'cherry'))

1. set( )

Returns a new set object:

x = set(('apple', 'banana', 'cherry'))

1. pow( )

Returns the value of x to the power of y:

x = pow(4, 3)

1. bool( )

Return the boolean value of 1:

x = bool (1)

1. eval( )

Evaluates and executes an expression:

x = ‘print (55)'

eval(x)