***Assignment 01***

**01 LIST and Its default functions**

* List Append() Append() add method adds an item to the end of the list.
* List extend() Extend() method add all the elements of an iterable to the end of the list.
* List insert() Insert() method insert an element to the list at the specified index.
* List remove() Remove() method removes the first matching element from the list.
* List count() Count() method returns the number of items the specified element in the list.

**02 Dictionary and List functions**

* Popitem() Removes a particular item in a dictionary.
* clear() Removes all items from the dictionary.
* items() Return a new object of the dictionary's items in (key, value) format.
* keys() Returns a new object of the dictionary's key.
* values() Returns a new object of the dictionary's values.

**03 Sets and its default functions**

* add() Adds an element to the set.
* clear() Removes all elements from the set
* copy() Returns a copy of the set.
* difference() Returns the different of two or more sets as a new set.
* union() Returns the union of sets in a new set.

**04 Tuples and explore default methods**

* count() Returns the number of times a specified values occurs in a tuple.
* index() Searches the tuple for a specified value and returns the position of where it was found.

**05 Strings and explore default methods**

* capatalize() Converts the first character o upper case.

* Casefold() Converts string into lower case.
* center() Returns a centered string.
* count() Returns the number of times a specified value occurs in a string.

* encode() Returns an encode version of the string.