OPEN\_LABS\_ASSIGNMENT

1.WHAT ARE FROZEN SETS?

Frozen sets are a native data type in Python that have the qualities of sets-including class methods-but are immutable like tuples. To use a frozen set, call the function frozenset() and pass an iterable as the argument. If you pass to the function , it will return the same set which is now immutable.

2.WHAT ARE ORDERED DICTIONARIES?

An OrderedDict is a dictionary subclass that remembers the order that keys were first inserted. A regular dict does not track the insertion order, and iterating it gives the values in an arbitrary order. By contrast, the order the items are inserted is remembered by OrderDict.

3.DIFFERENCE BETWEEN ORDERED DICTIONARIES AND DICTIONARIES WITH EXAMPLES

The ordered dictionaries is a subclass of dictionary object in python. The only difference between OrderedDict and the dict is that, in orderedict, it maintains the orders of keys as inserted. In the dict, the ordering may or may not be happen. The orderedict is a standard library class, which is located in the collection module.

Example Of OrderedDict;.

**import collections**

**ordered\_dict = collections.OrderedDict()**

**ordered\_dict["1"] = "one"**

**ordered\_dict["2"] = "two"**

**ordered\_dict["3"] = "three"**

**print("Printing Ordered Dictionary: ")**

**for key,value in ordered\_dict.items():**

**print("key : {0}, value : {1}".format(key,value))**

Example of dictionary

normal\_dict = {}

normal\_dict['1'] = 'one'

normal\_dict['2'] = 'two'

normal\_dict['3'] = 'three'

print("Printing normal Dictionary")

for key,value in normal\_dict.items():

print("key : {0},value : {1}".format(key,))