

# **Python Assignment Batch-7**

## **Day-2**

### **1.list and its default function?**

- ❖ **A list is a collection which is ordered and changeable. In Python lists are written with square brackets**

#### **Functions:-**

**Append(),clear(),copy(),extend(),Index(),pop()  
Reverse(),Insert(),Sort()**

### **2.Dictionary and its default functions?**

- ❖ **A dictionary is a collection which is unordered, changeable and indexed. In Python dictionaries are written with curly brackets, and they have keys and values.**

#### **Functions:-**

**Clear(),pop(),Items(),update(),values(),get()**

### **3.sets and default function?**

- ❖ **A set is a collection which is unordered and unindexed. In Python sets are written with curly brackets**

## **Functions: -**

**Add(),Clear(),Difference(),update(),Copy(),Intersection(),pop(),Remove(),Union()**

## **4.Tuple and explore default method?**

- ❖ **A tuple is a collection which is ordered and unchangeable. In Python tuples are written with round brackets**

**Ex program for tuple with len functions:-**

```
Tuple = ("Java", "python", "Ruby")  
print(len(Tuple))
```

## **5.strings and explore default method?**

- ❖ **String literals in python are surrounded by either single quotation marks, or double quotation marks**

**EX program for string with len functions:-**

```
a = "Happy to be a letsupgrader!"  
print(len(a))
```