LISTs

```
#creating a list
lst=["Amos","Umar","yushua","Simon"]
print (lst)
```

```
['Amos', 'Umar', 'yushua', 'Simon']
```

```
#using the sort () method
#copy the list
lst_copy=lst.copy()
lst_copy.sort()
lst_copy
```

```
['Amos', 'Simon', 'Umar', 'yushua']
```

```
#sort temporary
#sorted method
sorted(lst)
```

```
['Amos', 'Simon', 'Umar', 'yushua']
```

```
#creating a list of animals
lst1=["monkey","goat","sheep","lion"]
print (lst1)
```

```
['monkey', 'goat', 'sheep', 'lion']
```

```
#add an element in a list
lst1[0]="elephant"
```

```
print (lst1)
```

```
['elephant', 'goat', 'sheep', 'lion']
```

TUPLES

```
#tuple
squares_t=(3,6,9,12,16,19,22,24)
list
type(squares_t)
```

```
tuple
```

```
#over write tuple
squares_t=(1,2,3,4,5,6)
squares_t
```

```
(1, 2, 3, 4, 5, 6)
```

SET

```
#create a set
set_1={2,4,6,8,10,12,14}
type(set_1)
set_1
```

```
{2, 4, 6, 8, 10, 12, 14}
```

```
#create 2 sets
set_one={20,22,24,26,28,30}
set_two={34,36,59,33,43,80}
```

```
#create another set
set_three=set_one.union(set_two)
print (set_three)
```

```
{33, 34, 36, 43, 80, 20, 22, 24, 26, 59, 28, 30}
```

Set interception

```
#intersection
set_four=set_one.intersection(set_two)
print (set_four)
```

```
set()
```

DICTIONARIES

```
#creating a dictionary
user=("name","jesini","age",25)
print (user)
```

```
('name', 'jesini', 'age', 25)
```