

List and it's five default functions

```
In [2]: # 1
a = ["Ketan", "Mohit"]
a.append("Hari")
print(a)

['Ketan', 'Mohit', 'Hari']
```

```
In [3]: # 2
a = ["Ketan", "Mohit"]
a.insert(1,"Hari")
print(a)

['Ketan', 'Hari', 'Mohit']
```

```
In [8]: # 3
a = ["Ketan", "Mohit"]
a.extend(["Hari"])
print(a)

['Ketan', 'Mohit', 'Hari']
```

```
In [11]: # 4
a = ["Ketan", "Mohit", "Hari"]
a.remove("Hari")
print(a)

['Ketan', 'Mohit']
```

```
In [15]: # 5
a = ["Ketan", "Mohit"]
a.pop()
print(a)

['Ketan']
```

Dictionay and it's five default functions

```
In [23]: # 1
my_dict = dict({1:'Mango',2:'Banana'})
print(my_dict)

{1: 'Mango', 2: 'Banana'}
```

```
In [21]: # 2
Biography = {
    "Name": "Vishal",
    "Place": "Mumbai",
    "Birth_of_year": 1964
}

k = Biography.setdefault("Birth_of_year", 1967)
print(k)
```

1964

```
In [25]: # 3
Record = {'Name': 'Saketh', 'Age': 30}
print(Record.get('Age'))
```

30

```
In [26]: # 4
print(Record['Name'])
```

Saketh

```
In [30]: # 5
Record = {'Name': 'Saketh', 'Age': 30}
Record['Place'] = 'Vizag'
print(Record)
```

{'Name': 'Saketh', 'Age': 30, 'Place': 'Vizag'}

Sets and it's five default functions

```
In [31]: # 1
Set_name = {'Raju', 'Ramesh', 'Suresh'}
print(Set_name)
```

{'Raju', 'Ramesh', 'Suresh'}

```
In [35]: # 2
Set_name = {'Raju', 'Ramesh', 'Suresh'}
for i in Set_name:
    print(i)
```

Raju
Ramesh
Suresh

```
In [36]: # 3
Set_name = {'Raju', 'Ramesh', 'Suresh'}
Set_name.add('Radha')
print(Set_name)

{'Raju', 'Ramesh', 'Radha', 'Suresh'}
```

```
In [39]: # 4
Set_name = {'Raju', 'Ramesh', 'Suresh'}
print(len(Set_name))

3
```

```
In [50]: # 5
Set_name = {'Raju', 'Ramesh', 'Suresh'}
Set_name.add('Kaira')
Set_name.remove('Kaira')
print(Set_name)

{'Raju', 'Ramesh', 'Suresh'}
```

Tuple and its five default functions

```
In [51]: # 1
Tuple_record = ("Car", "Bike", "Van")
print(Tuple_record)

('Car', 'Bike', 'Van')
```

```
In [52]: # 2
Tuple_record = ("Car", "Bike", "Van")
print(Tuple_record[2])

Van
```

```
In [55]: # 3
Tuple_record = ("Car", "Bike", "Van")
print(Tuple_record[-1])

Van
```

```
In [56]: # 4
Tuple_record = ("Car", "Bike", "Van", "Auto", "Truck")
print(Tuple_record[2:5])

('Van', 'Auto', 'Truck')
```

```
In [60]: # 5
Tuple_record = ("Car", "Bike", "Van", "Auto", "Truck")
for j in Tuple_record:
    print(j)
```

Car
Bike
Van
Auto
Truck

String and it's five default functions

```
In [61]: # 1
a = "Hello World"
k=a.capitalize()
print(k)
```

Hello world

```
In [67]: # 2
a = "Hello World I am Learning Python"
k=a.split()
print(k)
```

['Hello', 'World', 'I', 'am', 'Learning', 'Python']

```
In [70]: # 3
a = "Hello World"
k=a.replace('World', 'Sai Sir')
print(k)
```

Hello Sai Sir

```
In [73]: # 4
a = "1235678"
k=a.isnumeric()
print(k)
```

True

```
In [75]: # 5
a = "Hello_World_123"
k=a.isalpha()
print(k)
```

False

