

▼ List & its functions

```
[1] lst=['rutu',20,15.5,[1,2,3]]
```

```
[2] lst
```

```
↳ ['rutu', 20, 15.5, [1, 2, 3]]
```

```
[3] lst[2]
```

```
↳ 15.5
```

```
[4] lst[3][1]
```

```
↳ 2
```

```
[5] lst.append('anu')
```

```
[6] lst
```

```
↳ ['rutu', 20, 15.5, [1, 2, 3], 'anu']
```

```
[62] lst.count('rutu')
```

```
↳ 1
```

```
[9] lst.index(15.5)
```

```
↳ 2
```

```
[10] lst.insert(1, 'manu')
```

```
[11] lst
```

```
↳ ['rutu', 'manu', 20, 15.5, [1, 2, 3], 'anu']
```

```
[12] lst.remove(15.5)
```

```
[13] lst
```

```
↳ ['rutu', 'manu', 20, [1, 2, 3], 'anu']
```

```
[14] lst.reverse()
```

```
[15] lst
```

```
↳ ['anu', [1, 2, 3], 20, 'manu', 'rutu']
```

```
[16] lst.pop(-2)
```

```
↳ 'manu'
```

```
[17] lst
```

```
↳ ['anu', [1, 2, 3], 20, 'rutu']
```

```
[19] lst1=[10,'clg']
```

```
[20] lst.extend(lst1)
```

```
[21] lst
```

```
↳ ['anu', [1, 2, 3], 20, 'rutu', 10, 'clg']
```

▸ Dictionaries & its functions

```
[23] dit={"name":"rutu","number":"5624","mail":"rutubadhe6@gmail.com"}
```

```
[24] dit
```

```
↳ {'mail': 'rutubadhe6@gmail.com', 'name': 'rutu', 'number': '5624'}
```

```
[25] dit.keys()
```

```
↳ dict_keys(['name', 'number', 'mail'])
```

```
[26] dit.values()
```

```
↳ dict_values(['rutu', '5624', 'rutubadhe6@gmail.com'])
```

```
[27] dit1=dit.copy()
```

```
[28] dit1
```

```
↳ {'mail': 'rutubadhe6@gmail.com', 'name': 'rutu', 'number': '5624'}
```

```
[29] dit1.clear()
```

```
[30] dit1
```

```
↳ {}
```

```
[31] dit.items()
```

```
↳ dict_items([('name', 'rutu'), ('number', '5624'), ('mail', 'rutubadhe6@gmail.com')])
```

```
[32] dit.get("number")
```

```
↳ '5624'
```

```
[33] dit.pop("mail")
```

```
↳ 'rutubadhe6@gmail.com'
```

```
[34] dit
```

```
↳ {'name': 'rutu', 'number': '5624'}
```

```
[35] dit["clg"]="GSMCOE"
```

```
[36] dit
```

```
↳ {'clg': 'GSMCOE', 'name': 'rutu', 'number': '5624'}
```

▼ Sets & its Function

```
[37] st={"rutu",2,3,5,2,3,4,4,5,6}
```

```
[38] st
```

```
↳ {2, 3, 4, 5, 6, 'rutu'}
```

```
[41] st1={2,5,3}
```

```
[42] st1.issubset(st)
```

```
↳ True
```

```
[43] st1.intersection(st)
```

```
↳ {2, 3, 5}
```

```
[44] st.add("pinky")
```

```
[45] st
```

```
↳ {2, 3, 4, 5, 6, 'pinky', 'rutu'}
```

```
[46] st1.difference(st)
```

```
↳ set()
```

```
[47] st.union(st1)
```

```
↳ {2, 3, 4, 5, 6, 'pinky', 'rutu'}
```

▼ Tuple & its Function

```
[48] tup=("rutu","anu",'manu')
```

```
[49] tup
```

```
↳ ('rutu', 'anu', 'manu')
```

```
[50] tup.count("anu")
```

```
↳ 1
```

```
[51] tup.index("manu")
```

```
↳ 2
```

▼ String & its Function

```
[52] a=15  
     b=30  
     c=45
```

```
[53] a+b
```

```
↳ 45
```

```
[54] type(a)
```

```
↳ int
```

```
[55] d=31.5
```

```
[56] type(d)
```

```
↳ float
```

```
[57] print(a)
```

```
↳ 15
```

```
[58] name="rutu"  
     name1="pinky"
```

```
[60] print(name+name1)
```

```
↳ rutupinky
```