

09-10-2025

```
1)list1 = [1,1,1,2,2,3,3,3,3,4,5,5,6,6,6,8,9]
```

```
A) list1 = [1,1,1,2,2,3,3,3,3,4,5,5,6,6,6,8,9]
```

```
list1 = list(set(list1))
```

```
list1
```

```
o/p:[1, 2, 3, 4, 5, 6, 8, 9]
```

dict:

It is also multivalued,heterogenous variable

It is a pair of keys:value

Here keys are immutable and value are mutable.

It is represented by dict() or {key:value}

```
d1 = {'name':'priyanka','DOB':'08/09/1999','ph no':'734568910'}
```

```
d1
```

```
{'name': 'priyanka', 'DOB': '08/09/1999', 'ph no': '734568910'}
```

```
d1.keys()
```

```
dict_keys(['name', 'DOB', 'ph no'])
```

```
d1.values()
```

```
dict_values(['priyanka', '08/09/1999', '734568910'])
```

```
d2 = {'sid':[1,2,3,4,5],'name':['a','b','c','d','e'],'marks':[56,78,92,36,50]}
```

```
d2
```

```
d2 = {'sid':[1,2,3,4,5],'name':['a','b','c','d','e'],'marks':[56,78,92,36,50]}
```

```
d2
```