

```
In [1]: mydict=dict()  
mydict
```

```
Out[1]: {}
```

```
In [2]: mydict={}  
mydict
```

```
Out[2]: {}
```

```
In [3]: mydict={1:'one',2:'two',3:'three'}  
mydict
```

```
Out[3]: {1: 'one', 2: 'two', 3: 'three'}
```

```
In [4]: mydict=dict({1:'one',2:'two',3:'three'})  
mydict
```

```
Out[4]: {1: 'one', 2: 'two', 3: 'three'}
```

```
In [5]: mydict={'A':'one','B':'two','C':'three'}  
mydict
```

```
Out[5]: {'A': 'one', 'B': 'two', 'C': 'three'}
```

```
In [6]: mydict={1:'one',2:'two',3:'three'}  
mydict
```

```
Out[6]: {1: 'one', 2: 'two', 3: 'three'}
```

```
In [7]: mydict.keys()
```

```
Out[7]: dict_keys([1, 2, 3])
```

```
In [8]: mydict.values()
```

```
Out[8]: dict_values(['one', 'two', 'three'])
```

```
In [9]: mydict.items()
```

```
Out[9]: dict_items([(1, 'one'), (2, 'two'), (3, 'three')])
```

```
In [10]: mydict={1:'one',2:'two','A':['priya','mouni','anu']}  
mydict
```

```
Out[10]: {1: 'one', 2: 'two', 'A': ['priya', 'mouni', 'anu']}
```

```
In [11]: mydict={1:'one',2:'two','A':['priya','mouni','anu'],'B':('Bat','Cat','Hat')}  
mydict
```

```
Out[11]: {1: 'one',  
          2: 'two',  
          'A': ['priya', 'mouni', 'anu'],  
          'B': ('Bat', 'Cat', 'Hat')}
```

```
In [12]: mydict={1:'one',2:'two','A':{'Name':'priya','Age':29},'B':('Bat','Cat','Hat')}  
mydict
```

```
Out[12]: {1: 'one',  
          2: 'two',  
          'A': {'Name': 'priya', 'Age': 29},  
          'B': ('Bat', 'Cat', 'Hat')}
```

```
In [13]: keys={'a','b','c','d'}  
mydict3=dict.fromkeys(keys)  
mydict3
```

```
Out[13]: {'c': None, 'a': None, 'd': None, 'b': None}
```

```
In [14]: keys={'a','b','c','d'}  
value=10  
mydict3=dict.fromkeys(keys,value)  
mydict3
```

```
Out[14]: {'c': 10, 'a': 10, 'd': 10, 'b': 10}
```

```
In [16]: keys={'a','b','c','d'}  
values=[10,20,30]  
mydict3=dict.fromkeys(keys,value)  
mydict3
```

```
Out[16]: {'c': 10, 'a': 10, 'd': 10, 'b': 10}
```

```
In [18]: keys={'a','b','c','d'}  
value=[10,20,30]  
mydict3=dict.fromkeys(keys,value)  
mydict3
```

```
Out[18]: {'c': [10, 20, 30], 'a': [10, 20, 30], 'd': [10, 20, 30], 'b': [10, 20, 30]}
```

```
In [19]: value.append(40)  
mydict3
```

```
Out[19]: {'c': [10, 20, 30, 40],  
          'a': [10, 20, 30, 40],  
          'd': [10, 20, 30, 40],  
          'b': [10, 20, 30, 40]}
```

```
In [20]: mydict={1:'one',2:'two',3:'three',4:'four'}  
mydict
```

```
Out[20]: {1: 'one', 2: 'two', 3: 'three', 4: 'four'}
```

```
In [21]: mydict[1]
```

```
Out[21]: 'one'
```

```
In [22]: mydict.get(1)
```

```
Out[22]: 'one'
```

```
In [23]: mydict1={'Name':'Priya','Id':7890,'DOB':1993,'job':'Analyst'}  
mydict1
```

```
Out[23]: {'Name': 'Priya', 'Id': 7890, 'DOB': 1993, 'job': 'Analyst'}
```

```
In [24]: mydict1['Name']
```

```
Out[24]: 'Priya'
```

```
In [25]: mydict1.get('job')
```

```
Out[25]: 'Analyst'
```

```
In [26]: mydict1={'Name':'Priya','Id':7890,'DOB':1993,'Adress':'Tirupathi'}  
mydict1
```

```
Out[26]: {'Name': 'Priya', 'Id': 7890, 'DOB': 1993, 'Adress': 'Tirupathi'}
```

```
In [27]: mydict1['DOB']=1994  
mydict1['Adress']='Mumbai'  
mydict1
```

```
Out[27]: {'Name': 'Priya', 'Id': 7890, 'DOB': 1994, 'Adress': 'Mumbai'}
```

```
In [28]: dict1={'DOB':1995}  
mydict1.update(dict1)  
mydict1
```

```
Out[28]: {'Name': 'Priya', 'Id': 7890, 'DOB': 1995, 'Adress': 'Mumbai'}
```

```
In [29]: mydict1['Job']='Analyst'  
mydict1
```

```
Out[29]: {'Name': 'Priya',  
          'Id': 7890,  
          'DOB': 1995,  
          'Adress': 'Mumbai',  
          'Job': 'Analyst'}
```

```
In [30]: mydict1.pop('Job')  
mydict1
```

```
Out[30]: {'Name': 'Priya', 'Id': 7890, 'DOB': 1995, 'Adress': 'Mumbai'}
```

```
In [31]: mydict1.popitem()  
mydict1
```

```
Out[31]: {'Name': 'Priya', 'Id': 7890, 'DOB': 1995}
```

```
In [32]: mydict1
```

```
Out[32]: {'Name': 'Priya', 'Id': 7890, 'DOB': 1995}
```

```
In [34]: del[mydict1['Id']]  
mydict1
```

```
Out[34]: {'Name': 'Priya', 'DOB': 1995}
```

```
In [35]: mydict1.clear()  
mydict1
```

```
Out[35]: {}
```

```
In [36]: del mydict1  
mydict1
```

```
-----  
NameError                                Traceback (most recent call last)  
Cell In[36], line 2  
      1 del mydict1  
----> 2 mydict1  
  
NameError: name 'mydict1' is not defined
```

```
In [1]: mydict1={'Name':'Priya','Id':7890,'DOB':1993,'Adress':'Tirupathi'}  
mydict1
```

```
Out[1]: {'Name': 'Priya', 'Id': 7890, 'DOB': 1993, 'Adress': 'Tirupathi'}
```

```
In [2]: mydict=mydict1
```

```
In [3]: mydict
```

```
Out[3]: {'Name': 'Priya', 'Id': 7890, 'DOB': 1993, 'Adress': 'Tirupathi'}
```

```
In [4]: id(mydict),id(mydict1)
```

```
Out[4]: (2161002193024, 2161002193024)
```

```
In [5]: mydict2=mydict.copy()
```

```
In [6]: mydict2
```

```
Out[6]: {'Name': 'Priya', 'Id': 7890, 'DOB': 1993, 'Adress': 'Tirupathi'}
```

```
In [7]: id(mydict2)
```

```
Out[7]: 2161026541376
```

```
In [8]: mydict['Adress']='Mumbai'
```

```
In [9]: mydict
```

```
Out[9]: {'Name': 'Priya', 'Id': 7890, 'DOB': 1993, 'Adress': 'Mumbai'}
```

```
In [10]: mydict1
```

```
Out[10]: {'Name': 'Priya', 'Id': 7890, 'DOB': 1993, 'Adress': 'Mumbai'}
```

```
In [11]: mydict2
```

```
Out[11]: {'Name': 'Priya', 'Id': 7890, 'DOB': 1993, 'Adress': 'Tirupathi'}
```

```
In [12]: mydict1={'Name':'Priya','Id':7890,'DOB':1993,'job':'Analyst'}  
mydict1
```

```
Out[12]: {'Name': 'Priya', 'Id': 7890, 'DOB': 1993, 'job': 'Analyst'}
```

```
In [14]: for i in mydict1:  
         print(i, ': ',mydict1[i])
```

```
Name : Priya  
Id : 7890  
DOB : 1993  
job : Analyst
```

```
In [15]: for i in mydict1:  
         print(mydict1[i])
```

```
Priya  
7890  
1993  
Analyst
```

```
In [16]: mydict1={'Name':'Priya','Id':7890,'DOB':1993,'job':'Analyst'}  
mydict1
```

```
Out[16]: {'Name': 'Priya', 'Id': 7890, 'DOB': 1993, 'job': 'Analyst'}
```

```
In [17]: 'Name' in mydict1
```

```
Out[17]: True
```

```
In [18]: 'Id' in mydict1
```

```
Out[18]: True
```

```
In [19]: 'Adress' in mydict1
```

```
Out[19]: False
```

```
In [20]: mydict1={'Name':'Priya','Id':7890,'DOB':1993,'job':'Analyst'}  
mydict1
```

```
Out[20]: {'Name': 'Priya', 'Id': 7890, 'DOB': 1993, 'job': 'Analyst'}
```

```
In [21]: all(mydict1)
```

```
Out[21]: True
```

```
In [ ]:
```