

```
1 telephone = {}
2
3 telephone['Mayank'] = '973'
4 print(telephone)
5
6 telephone = {
7     'nITIN':6565665,
8     'MAY':54545
9
10
11 }
12
13 print(telephone)
14
15 Dict = {'Tim': 18, 'Charlie':12, 'Tiffany':22, 'Robert':25}
16 print((Dict['Tiffany']))
17
18 Dict = {'Tim': 18, 'Charlie':12, 'Tiffany':22, 'Robert':25}
19 Boys = {'Tim': 18, 'Charlie':12, 'Robert':25}
20 Girls = {'Tiffany':22}
21 studentX=Boys.copy()
22 studentY=Girls.copy()
23
24 print(Boys)
25 print(Girls)
26
27 print(studentX)
28 print(studentY)
29
30 Dict = {'Tim': 18, 'Charlie':12, 'Tiffany':22, 'Robert':25}
31 Dict.update({"Sarah":9})
32 print(Dict)
33
34
35 for i in Dict:
36     print(i)
37
38 for i in Dict.values():
39     print(i)
40
41
42 for i in Dict.keys():
43     print(i)
44
45
```

```
46 Dict = {'Tim': 18, 'Charlie':12, 'Tiffany':22, 'Robert':25}
47 del Dict ['Charlie']
48 # del Dict [0]
49 print(Dict)
50
51 print(Dict.items())
52 Dict = {'Tim': 18, 'Charlie':12, 'Tiffany':22, 'Robert':25}
53 print("Students Name: %s" % list(Dict.items()))
54
55 Dict = {'Tim': 18, 'Charlie':12, 'Tiffany':22, 'Robert':25}
56 Boys = {'Tim': 18, 'Charlie':12, 'Robert':25}
57 Girls = {'Tiffany':22}
58 for key in list(Dict.keys()):
59     if key in list(Boys.keys()):
60         print(True)
61     else:
62         print(False)
63
64
65 #cant sort dictionary directly
66 Dict = {'Tim': 18, 'Charlie':12, 'Tiffany':22, 'Robert':25}
67 Boys = {'Tim': 18, 'Charlie':12, 'Robert':25}
68 Girls = {'Tiffany':22}
69 Students = list(Dict.keys())
70 Students.sort()
71 for S in Students:
72     print(":".join((S,str(Dict[S]))))
73
74
75
76 Dict = {'Tim': 18, 'Charlie':12, 'Tiffany':22, 'Robert':25}
77 print("Length : %d" % len (Dict))
78 print("Length: {}".format(len(Dict)))
79
80 Dict = {'Tim': 18, 'Charlie':12, 'Tiffany':22, 'Robert':25}
81 print("printable string:%s" % str (Dict))
```