Ex.No : 9

Date :

**Aim:**

To write and run a python program for the given quiz.

**Program:**

print('\n—dictionaries')

**-- dictionaries**

d = {'a': 1, 'b': 2}

print(d['a'])

**1**

del d['a']

# iterate  
d = {'a': 1, 'b': 2}  
for key, value in d.items():  
 print(key, ':', value)

for key in d:  
 print(key, d[key])

# d.fromkeys(iterable[,value=None]) -> dict: with keys from iterable and all same value  
d = d.fromkeys(['a', 'b'], 1)  
print(d)

**{'a': 1, 'b': 1}**

# d.clear() -> removes all items from d  
d = {'a': 1, 'b': 2}  
d.clear()  
print(d)

**{}**

# d.items() -> list: copy of d's list of (key, item) pairs  
d = {'a': 1, 'b': 2}  
print(d.items())

**[('a', 1), ('b', 2)]**

# d.keys() -> list: copy of d's list of keys  
d = {'a': 1, 'b': 2}  
print(d.keys())

**['a', 'b']**

# d.values() -> list: copy of d's list of values  
d = {'a': 1, 'b': 2}  
print(d.values())

**[1, 2]**

**Result:**

Thus, the python program is executed for the given quiz and the output is obtained.