

```
1 #Enrollment No: 202203103510097
2 #Name: Angat Shah
3 #Branch: B.Tech Computer Science and Engineering
4
5 student = {"std_name":"Angat Shah" , "std_branch":"B.tech" , "std_age":17}
6 print("DICTIONARY <-----{0}----->".format(student))
7 print("")
8
9 #I. Demonstrate the updation of python dictionary.
10 a = input("-->> Enter the key you want to update: ")
11 b = input("-->> Enter the value of the key({0}): ".format(a))
12 student[a] = b
13 print("After Updating the Dictionary --> {0}".format(student))
14 print("")
15
16 #II. Demonstrate the removal of elements from the python dictionary.
17 c = input("-->> Enter the key you want to remove: ")
18 del student[c]
19 print("After removing '{0}' from the given dictionary
    -->{1}".format(c,student))
20 print("")
21
22 """III. Demonstrate the use of following dictionary methods- clear(), copy(),
    get(), items(), keys(), popitem() and values()."""
23 #keys()
24 keys = student.keys()
25 print("The keys of the given Dictionary are:",keys)
26 print("")
27
28 #values()
29 values = student.values()
30 print("The values of the keys in the given Dictionary are:",values)
31 print("")
32
33 #get()
34 d = input("-->> Enter the key for the value you want: ")
35 get = student.get(d)
36 print("The value of std_name is:" ,get)
37 print("")
38
39 #copy()
40 copy_dict = student.copy()
41 print("The copy of given Dictionary -->",copy_dict)
42 print("")
43
44 #items()
45 items = student.items()
46 print("All the key-value pairs in the given Dictionary:",items)
47 print("")
48
49 #popitem()
50 student.popitem()
51 print("After using popitem on the given Dictionary, we get: ",student)
52 print("")
53
54 #clear()
55 student.clear()
56 print("After clearing the given Dictionary --> {0}".format(student))
57
58 print("-*-*-*-*-*END OF PRACTICAL 7-*-*-*-*")
```