

```
d={3:41,2:32,1:21,4:12,10:45,7:54,9:98}
for i in sorted(d.values()):
    print(i,end=' ')
```

```
12 21 32 41 45 54 98
```

```
d={0:10,1:20}
d[2]=30
print(d)
```

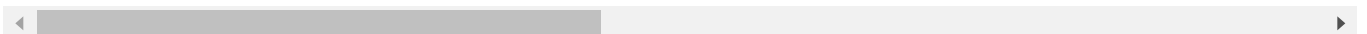
```
{0: 10, 1: 20, 2: 30}
```

```
n=int(input("Enter the number of cities::> "))
d={}
for i in range(n):
    cn=input("Enter a city name::> ")
    temp=float(input("Enter the temp::> "))
    d[cn]=temp
cname=input("Enter a city name to find the temp::> ")
if cname in d: print(d[cname])
else: print("No city name in database")
```

```
Enter the number of cities::> 2
Enter a city name::> jk
Enter the temp::> 50.3
Enter a city name::> kk
Enter the temp::> 40.7
Enter a city name to find the temp::> jk
50.3
```

```
colors=["Black","Red","Maroon","Yellow"]
codes=["#000000","#FF0000","#800000","#FFFF00"]
l=[]
for i,j in zip(colors,codes):
    d={}
    d['color_name'],d['color_code']=i,j
    l.append(d)
print(l)
```

```
[{'color_name': 'Black', 'color_code': '#000000'}, {'color_name': 'Red', 'color_code':
```



```
Employee=["John","Smith","Alice","Daneil"]
Salary=[14,13,32,21]
d={}
for i,j in zip(Employee,Salary): d[i]=j
print(d)
```

```

{'John': 14, 'Smith': 13, 'Alice': 32, 'Daneil': 21}

Employee=["John","Smith","Alice","Daneil"]
Salary=[14,13,32,21]
d={}
for i,j in zip(Employee,Salary): d[i]=j
op=input("Enter the operation to perform on above lists:> ")
if op=="print":
    for i,j in zip(Employee,Salary): print(i,'==>',j)
elif op=="add":
    newEm=input("Enter the new Employee name to add:> ")
    if newEm in Employee: print("It Exists...")
    else:
        newSal=input("Enter the salary for the newEm to add:> ")
        d[newEm]=newSal
        print(d)
elif op=="remove":
    Em=input("Enter the employee name to remove:> ")
    if Em in Employee:
        del d[Em]
        for k,v in d.items(): print(k,'==>',v)
    else:
        print("The employee doesn't exists")
elif op=="query":
    Em=input("Enter the employee name to find his details:> ")
    print(d[Em])

    Enter the operation to perform on above lists:> query
    Enter the employee name to find his details:> John
    14

```

```

# A set in which we cannot do any changes is known as frozenset or an immutable set is also k
s={1,2,3,4,5}
s1=frozenset(s)
s.add(6)
print(s)
print(s1)

{1, 2, 3, 4, 5, 6}
frozenset({1, 2, 3, 4, 5})

```

```

set1={10,20,30,40,50}
set2={40,50,60,70,80}
print(set1-set2)

{10, 20, 30}

```