

Python Dictionary Questions

1.How to create a dictionary?

```
dictname = {  
    "Name": "Anju",  
    "District": "kollam",  
    "Age": 25  
}  
print(dictname)
```

2.Find the length of the string?

```
dictname = {  
    "Name": "Anju",  
    "District": "kollam",  
    "Age": 25  
}  
print(len(dictname))
```

3.To remove district from the dictionary?

```
dictname = {  
    "Name": "Anju",  
    "District": "kollam",  
    "Age": 25  
}  
thisdict.pop("District")  
print(dictname)
```

4.Write a python program to concatenate following dictionaries to create a new one?

```
d1={"Name":"Raju","Age":41}
d2={"City":"kochi","Gender":"Male"}
d3={}
for d in (d1,d2):
    d3.update(d)
print(d3)
```

5. Write a program to get the maximum and minimum value of dictionary

```
marks={"m1":57 , "m2":99 , "m3":69 , "m4":45 , "m5":71}
v = marks.values()
maxi = max(v)
mini = min(v)
print("Maximum :",maxi)
print("Minimum :",mini)
```

6. Write a Python program to check whether a given key already exists in a dictionary

```
d = {"Name":"Ram","Age":23}
if "Name" in d:
    print('Key is Available in the Dictionary')
else:
    print('Key is not Available in the Dictionary')
```

7. Write a Python program to Merge two Python dictionaries into one.

```
keys = ["One", "Two", "Three", "Four", "Five"]
values = [1, 2, 3, 4, 5]
rest = dict(zip(keys, values))
print(rest)
```

8. Write a Python program to sum all the items in a dictionary

```
d = {1:23,2:45,3:-17,4:87}
```

```
print(sum(d.values()))
```

9. Write a python program to create an empty dictionary

```
dict1 = {}
```

```
Print("dict1:",dict1)
```

10. Write a Python program to compare two dictionaries

```
record1={'id':100,'name':'shiva','age':22}
```

```
record2={'id':104,'name':'Ami','age':22}
```

```
record3={'id':101,'name':'shiji}
```

```
if record1==record2:
```

```
    print("record1 is equal to record2")
```

```
else:
```

```
    print("record1 is equal to record2")
```

```
print("record1 is not equal to record2")
```

```
if record2==record3:
```

```
    print("record2 is equal to record3")
```

```
else:
```

```
    print("record2 is not equal to record3")
```