# 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":"Ramu" , "Age":26}

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')

"""

i="District"

**if** i **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. To create an empty dictionary

dict1 = {}

Print(“dict1:”,dict1)

10.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”)