1.how to create dictnory?

```
dictname={
   "name":"rahul",
   "district":"kollam",
   "age":25
   }
print(dictname)
```

2.find the length of the string ?

```
dictname={
   "name":"varun",
   "district":"kannur",
   "age":22
   }
print(len(dictname))
```

3.To remove district from the dictnory ?

```
dictname={
   "name":"sidart",
   "district":"kozhikode",
   "age":24
   }
thisdict.pop("district")
print(dictname)
```

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

```
d1={"name":"rahul","age":22}
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("maximun",maxi)
print("minimum",mini)
```

6.python program to check whethera given key already exists in a dictionary ?

```
d={"name":"varun","age":23}
"""
if "name" in d:
  print('key in available in the dictnory')
else:
  print('key is not available in the dictnory')
"""
i="district"
if i in d:
  print('key is avaliable in the dictnory')
else:
  print('key is not available in the dictnory')
```

7.write a python program to merge two python dictinories 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={1:23,2:44,3:-32,4:87}
print(sum(d.values()))
```

9.To create an empty dictionary ?

```
dict1={}
print("dict1:",dict1)
```

10.python program to compare two dictionaries ?

```
record1={'id':101,'name':"shijil","age":22}
record2={'id':104,'name':'sruthin','age':24}
record3={'id':100,'name':'shiji'}
if record1==record2:
  print("record1 is equel to record2")
else:
  print("record1 is not equel to record2")
if record2==record3:
  print("record2 is euel to record3")
else:
  print("record2 is not euel to record3")
```