

Assignment - 18 Dictionary

1. Write a python program to create and print a dictionary which stores your information. (name, age, gender)

```
d1=dict()
n=int(input("how many type information you want to store  "))
for x in range(n):
    key=input("enter the key  ")
    value=eval(input("enter the vlaue  "))
    d1[key]=value
print(d1)
```

2. Write a python program to access the items of a dictionary by referring to its key name.

```
d1={1:"rohi",2:"bhalu",3:"cute bandr",4:"dora"}
for x in d1:
    print(x,".....",d1[x])
```

3. Write a python program to get a list of the values from a dictionary.

```
d1={105:"rohini",102:"rashmi",103:"himani",104:"kuldeep",105:"ummed"}
d2=d1.values()
print(d2)
```

4. Write a python program to change the value of a specific item by referring to its key name.

```
d1={105:"rohini",102:"rashmi",103:"himani",104:"kuldeep",105:"ummed"}
d1[105]="rohan"
print(d1)
```

5. Write a python program to print all key names in the dictionary, one by one.

```
d1={105:"rohini",102:"rashmi",103:"himani",104:"kuldeep",105:"ummed"}
d2=d1.keys()
print(d2)
```

6. Write a python program to create a dictionary that contains three dictionaries. (nested)

```
d1={}
d1[1]={101:"rohini"}
d1[2]={102:"rohi"}
d1[3]={103:"rohan"}
print(d1)
```

7. Write a python program to create three dictionaries, then create one dictionary that will contain the other three dict

ionaries.

```
d1={101:"rohini"}
d2={102:"rohi"}
d3={103:"rohan"}
list=[d1,d2,d3]
print(list)
```

8. Write a python program to convert two lists into a dictionary in a way that item from list1 is the key and item from list2 is the value.

```
l1=[1,2,3,4,5]
l2=["t-shirt","jens","top","pent","trouser"]
print(dict(zip(l1,l2)))
```

9. Write a python program to merge two python dictionaries into one dictionary.

```
d1={'C': 92,'Java':66,'Python': 85}
d2={'c++': 82,'sql':46,'javascript': 75}
d1.update(d2)
print(d1)
```

10. Write a python program to get the key of lowest value from the dictionary.

```
sample_dict = {
'C': 92,
'Java': 66,
'Python': 85
}
```

```
sample_dict={'C': 92,'Java':66,'Python': 85}
print(min(sample_dict.keys(),key=sample_dict.get))
```