

Assignment-5:

1) Get the key of a minimum value from the following dictionary.

Given Input:

```
sample_dict = {  
    'Physics': 82,  
    'Math': 65,  
    'history': 75  
}
```

Expected output: Math

SOL:

```
d = {'Physics':82,'Maths':65,"history":75}  
m = float('inf')  
ans = ""  
for k,v in d.items():  
    if(v<m):  
        m = v  
        ans = k  
print(ans)
```

2)Write a Python program to check if value 200 exists in the following dictionary.

Given Input:

```
sample_dict = {'a': 100, 'b': 200, 'c': 300}
```

Expected output:

200 present in a dict

SOL:

```
s = {'a':100,'b':200,'c':300}

found = False

for k,v in s.items():

    if(v==200):

found = True

if found:

    print("200 present in a dict.")

else:

    print("200 not present in a dict.")
```

3)Merge two Python dictionaries into one

Given Input:

```
dict1 = {'Ten': 10, 'Twenty': 20, 'Thirty': 30}
```

```
dict2 = {'Thirty': 30, 'Fourty': 40, 'Fifty': 50}
```

Expected output:

```
{'Ten': 10, 'Twenty': 20, 'Thirty': 30, 'Fourty': 40, 'Fifty': 50}
```

SOL:

```
dict1 = {'Ten':10,'Twenty':20,'Thirty':30}
```

```
dict2 = {'Thirty':30,'Forty':40,'Fifty':50}
```

```
dict1.update(dict2)
```

```
print(dict1)
```