

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

```
sample_dict = {'Physics': 82, 'Math': 65, 'history': 75}  
print(min(sample_dict, key=sample_dict.get))
```

Math

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

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

```
if value in sample_dict.values():  
    print("Value exist in the dictionary")  
else:  
    print("Value does not exist in the dictionary")
```

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}
```

```
dict1 = {'Ten': 10, 'Twenty': 20, 'Thirty': 30}  
dict2 = {'Thirty': 30, 'Fourty': 40, 'Fifty': 50}  
dict3 = **dict1, **dict2  
print(dict3)
```

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

Or

```
dict1 = {'Ten': 10, 'Twenty': 20, 'Thirty': 30}
dict2 = {'Thirty': 30, 'Fourty': 40, 'Fifty': 50}
dict1.update(dict2)
print(dict1)
```

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