

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

Solution:

```
sample_dict = {'Physics': 82, 'Math': 65, 'history': 75}  
minimum_value = min(sample_dict.values())  
minimum_keys = [key for key in sample_dict if sample_dict[key]==minimum_value]  
  
print(minimum_keys)
```

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

Solution:

```
sample_dict = {'a': 100, 'b': 200, 'c': 300}  
value = 200  
if value in sample_dict.values():  
    print(f"Yes, Value: '{value}' present in a dict")  
else:  
    print(f"No, Value: '{value}' does 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}
```

Solution:

```
dict1 = {'Ten': 10, 'Twenty': 20, 'Thirty': 30}  
dict2 = {'Thirty': 30, 'Fourty': 40, 'Fifty': 50}  
dict3 = dict1.copy()  
for key, value in dict2.items():  
    dict3[key] = value
```

```
print(dict3)
```