

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

Ans: sample_dict = {

```
    'Physics': 82,
```

```
    'Math': 65,
```

```
    'history': 75
```

```
}
```

```
min_value = min(sample_dict.values())
```

```
min_key = min(sample_dict, key=sample_dict.get)
```

```
print(min_key)
```

Output: 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

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

```
if 200 in sample_dict.values():
```

```
    print("200 present in the dict")
```

```
else:
```

```
    print("200 not present in the dict")
```

Output: 200 present in the 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}
```

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

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

```
merged_dict = {**dict1, **dict2}
```

```
print(merged_dict)
```

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