

Assignment.

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.

Program :

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

2. Write a python program to check if value 200 exists in following dictionary

Given Input :

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

Expected output :

200 present in a dict.

Program :

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

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

```
    print('200 present in a dict')
```

3. Merge two python dictionaries into one

Given input :

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

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

Expected output :

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

Program :

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

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

```
dict3 = {**dict1, **dict2}
```

```
print(dict3)
```