"""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"""

```
dictionary = {
  'Physics': 82,
  'Math': 65,
  'history': 75,
  'PE': 65
}
print(min(dictionary, key=dictionary.get))##this will only print first occurance of minimum value key

min_value = min(dictionary.values())
min_keys = [key for key, value in dictionary.items() if value == min_value]
print(min_keys) ## this will print all the keys with minimum value
```

"""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"""

```
dictionary = {'a': 100, 'b': 200, 'c': 300}
num = int(input("Enter number to find in the dictionary: "))
if(num in dictionary.values()):
    print(num ,"present in the input dictionary")
else:
    print(num ,"not present in the input 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}
print(dict1 | dict2)
print({**dict1, **dict2})
for i in dict2.keys():
    dict1[i]=dict2[i]
print(dict1)
```