In [35]:
```
'''
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
}

#Step 1 : Get the minimum value from the dictionary using the min() and sample_dict.values()
minvalue = min(sample_dict.values())

#Step 2: Now we will iterate the dictionary and retrieve the key which holds our minvalue using dictionary comprehension
keyOfMinValue = [key for key in sample_dict if sample_dict[key] == minvalue]

#Step 3 : Print the key of the minvalue
print(keyOfMinValue)
```

```
['Math']
```

In [18]:
```
'''
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

'''
#Step 1: Use the 'in' operator to check if a value exists in a dictionary or not
sample_dict = {'a': 100, 'b': 200, 'c': 300}
valueExits = 200

#Step 2: If values exist print 'Value is present in the dict' else print 'Value is not present '
if valueExits in sample_dict.values():
    print(valueExits, ' present in the dict')
else:
    print(valueExits, ' is not present in the dict')
```

```
200  present in the dict
```

In [10]:
```
'''
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}

#Step1 : Use the copy() function to copy the contents of dict1 to dict3
dict3 = dict1.copy()

#Step1 : Use the update() function to copy the dict2 contents to dict3
dict3.update(dict2)

print('Merged dict3' , dict3)
```

```
Merged dict3 {'Ten': 10, 'Twenty': 20, 'Thirty': 30, 'Fourty': 40, 'Fifty': 50}
```