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

In [66]:
```
subject_marks = {"physics": 82, "Math": 65, "history": 75}

mini= min(subject_marks, key=subject_marks.get)
print(mini)
```

```
Math
```

1. 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

In [78]:
```
number=int(input("Enter a value to check: "))
sample_dict = {'a': 100, 'b': 200, 'c': 300}
if number in sample_dict.values():
    print(number ," present in the dict")
else:
    print(number ,"   NOT present in the dict")
```

```
Enter a value to check: 00
0    NOT present in the dict
```

1. 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}

In [87]:
```
# Python code to merge dict using update() method
def Merge(dict1, dict2):
    return(dict1.update(dict2))


dict1 = {'Ten': 10, 'Twenty': 20, 'Thirty': 30}
dict2 = {'Thirty': 30, 'Fourty': 40, 'Fifty': 50}

# This return None
print(Merge(dict1, dict2))

# changes made in dict2
print(dict1)
```

```
None
{'Ten': 10, 'Twenty': 20, 'Thirty': 30, 'Fourty': 40, 'Fifty': 50}
```