

code.

1 check if the given key exists or not.

```
my_dict = {'a': 1, 'b': 2, 'c': 3}
```

```
key_to_check = 'b'
```

```
if key_to_check in my_dict:
```

```
    print(f"The key '{key_to_check}' exists  
    in the dictionary.")
```

```
else:
```

```
    print(f"The key '{key_to_check}' does  
    not exist in the dictionary.")
```

2 Concatenate two dictionary into one dictionary

```
dict1 = {'a': 1, 'b': 2}
dict2 = {'b': 3, 'c': 4}
```

```
combined_dict = dict1.copy()
combined_dict.update(dict2)
```

```
print(combined_dict)
```

3 Multiply all the values in a dictionary

```
def multiply_values(d, multiplier):
```

```
    for key in d:
```

```
        d[key] *= multiplier
```

```
    return d
```

```
my_dict = {'a': 1, 'b': 2, 'c': 3}
```

```
result = multiply_values(my_dict, 2)
```

```
print(result)
```



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\* Iterate the set values

$S = \{10, 20, 30, 40\}$   
`print(S)`

output = 40, 30, 20, 10

for a in S:

`print(a)`

\* update the value in set 1

set 1 = {'Ram', 'Shyam', 'Jenny'}

set 2 = {'Jenny', 'Iiya', 'Aakash'}

set 3 = {'Ankur', 'Pradeep'}

set 1.update(['Jenny', 'Mohan'])  
`print(set 1)`

\* Intersection the value in set 2

set 1 = {'Ram', 'Shyam', 'Jenny'}

set 2 = {'Jenny', 'Iiya', 'Aakash'}

set 3 = {'Ankur', 'Pradeep'}

`print(set 1.intersection(set 2))`

output = Jenny (common)



o write a python program to apply for the license.

```
code
age = int(input("enter your age"))
if age > 18:
    print("you can apply for license")
    print("speed thrills but kills")
```

code

```
age = int(input("enter your age"))
if age > 18:
    print("you can apply for license")
else:
    print("Itni jaldi bhi kya hai")
```

o check if the number is positive or negative

```
num = int(input("Enter a number:"))
if num > 0:
    print("The number is positive.")
else:
    print("The number is negative.")
```