1. Write a Python program to Extract Unique values dictionary values?
2. Write a Python program to find the sum of all items in a dictionary?
3. Write a Python program to Merging two Dictionaries?
4. Write a Python program to convert key-values list to flat dictionary?
5. Write a Python program to insertion at the beginning in OrderedDict?
6. Write a Python program to check order of character in string using OrderedDict()?
7. Write a Python program to sort Python Dictionaries by Key or Value?

1. Python program to extract unique values from dictionary values:

python
```python
my_dict = {'a': [1,2,3], 'b': [2,4,5], 'c': [1,2,6]}

unique_values = set(val for sublist in my_dict.values() for val in sublist)

print(unique_values)
```

Output:

```
{1, 2, 3, 4, 5, 6}
```

2. Python program to find the sum of all items in a dictionary:

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

sum_values = sum(my_dict.values())

print(sum_values)
```

Output:

```
600
```

3. Python program to merge two dictionaries:

python
```python
dict1 = {'a': 100, 'b': 200}
dict2 = {'c': 300, 'd': 400}

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

```python
print(merged_dict)
```

Output:

```css
{'a': 100, 'b': 200, 'c': 300, 'd': 400}
```

4. Python program to convert key-values list to flat dictionary:

```python
keys = ['a', 'b', 'c']
values = [1, 2, 3]

flat_dict = dict(zip(keys, values))

print(flat_dict)
```

Output:

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

5. Python program to insert at the beginning in OrderedDict:

```python
from collections import OrderedDict

my_dict = OrderedDict([('a', 1), ('b', 2)])

my_dict.update({'c': 3})

my_dict.move_to_end('c', last=False)

print(my_dict)
```

Output:

```css
OrderedDict([('c', 3), ('a', 1), ('b', 2)])
```

6. Python program to check order of character in string using OrderedDict:

python
```python
from collections import OrderedDict

def check_order(input_str, pattern):
    dict1 = OrderedDict.fromkeys(input_str)
    pattern_length = 0
    for key,value in dict1.items():
        if (key == pattern[pattern_length]):
            pattern_length = pattern_length + 1
        if (pattern_length == len(pattern)):
            return True
    return False

print(check_order('hello world', 'hlo'))
```

Output:

graphql
```
True
```

7. Python program to sort Python dictionaries by key or value:

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

sorted_dict_by_key = dict(sorted(my_dict.items()))
sorted_dict_by_value = dict(sorted(my_dict.items(), key=lambda item:
item[1]))

print(sorted_dict_by_key)
print(sorted_dict_by_value)
```

Output:

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