▾ Operations on sets

```
# Set union method
A = {1, 2, 3, 4, 5}
B = {4, 5, 6, 7, 8}

print("The set after union operation is:",A | B)
```

```
    The set after union operation is: {1, 2, 3, 4, 5, 6, 7, 8}
```

```
d={"Krishna":[67.00,68.00,69.00],"Arjun":[70.00,98.00,63.00],"Malika":[52.00,56.00,60.00],

for i in d:
    avg=(d[i][0]+d[i][1]+d[i][2])/3
    print("Marks obtained by",i,":",'%.2f'%avg,"%")
```

```
    Marks obtained by Krishna : 68.00 %
    Marks obtained by Arjun : 77.00 %
    Marks obtained by Malika : 56.00 %
    Marks obtained by Harsh : 26.50 %
    Marks obtained by Anurag : 28.00 %
```

▾ Operations on dictionary

```
## type your code here
input_dict = {'Jack Dorsey' : 'Twitter' , 'Tim Cook' : 'Apple', 'Jeff Bezos' : 'Amazon' ,
l=[]
for i in input_dict:
    l.append(input_dict[i])
l.sort()
print(l)
```

```
    ['Amazon', 'Apple', 'RJIO', 'Twitter']
```

```
D={"V_dict":0,"C_dict":0,"space":0}
sentence='"Welcome to metaverse"'
l=list(sentence)

vowels=['a','e','i','o','u']
for i in l:
    if i!='\n':
        if i in vowels:
            D['V_dict']+=1
        elif i==" ":
            D['space']+=1
```

```
        else:
            D['C_dict']+=1
print(D)
```

```
{'V_dict': 8, 'C_dict': 12, 'space': 2}
```

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