

In [10]:

```
1 # 1
2
3 def equal(a,b,c):
4     l=set([a,b,c])
5     c=3-len(l)
6
7     if c==1:
8         print(2)
9     elif c==2:
10        print(3)
11    elif c==0:
12        print(0)
13
14
15
16 equal(3,4,3)
17 equal(1,1,1)
18 equal(3,4,1)
```

```
2
3
0
```

In [14]:

```
1 # 2
2
3
4 def func(d):
5     l=[(i,d[i]) for i in d]
6     l.sort()
7     print(l)
8 func({
9     "D": 1,
10    "B": 2,
11    "C": 3
12 })
13 func({
14    "likes": 2,
15    "dislikes": 3,
16    "follower": 10
17 })
```

```
[('B', 2), ('C', 3), ('D', 1)]
[('dislikes', 3), ('follower', 10), ('likes', 2)]
```

In [15]:

```

1 # 3
2
3
4 def mapping(l):
5
6     d={i:i.upper() for i in l}
7     print(d)
8
9 mapping(["p", "s"])
10 mapping(["a", "b", "c"])
11 mapping(["a", "v", "y", "z"])

```

```

{'p': 'P', 's': 'S'}
{'a': 'A', 'b': 'B', 'c': 'C'}
{'a': 'A', 'v': 'V', 'y': 'Y', 'z': 'Z'}

```

In [18]:

```

1 # 4
2
3 def vow_replace(s,k):
4
5
6     for i in s:
7         if i in "aeiou":
8             s=s.replace(i,k)
9     print(s)
10
11 vow_replace("apples and bananas", "u")
12 vow_replace("cheese casserole", "o")
13 vow_replace("stuffed jalapeno poppers", "e")

```

```

upplus und bununus
chooso cossorolo
steffed jelepene peppers

```

In [22]:

```

1 # 5
2
3 def ascii_capitalize(s):
4
5     for i in range(len(s)):
6         if s[i]!=" " and ord(s[i])%2==0:
7             s=s.replace(s[i],s[i].upper())
8         if s[i]!=" " and ord(s[i])%2!=0:
9             s=s.replace(s[i],s[i].lower())
10
11     print(s)
12 ascii_capitalize("to be or not to be!")
13 ascii_capitalize("THE LITTLE MERMAID")
14 ascii_capitalize("Oh what a beautiful morning.")

```

```

To Be oR NoT To Be!
The LiTTLe meRmaiD
oH wHaT a BeauTiFuL moRniNg.

```

