

*#name-ARYAN KUMAR*

population**=**{"Shanghai":17.8,"Istanbul":13.3,"Karachi":13.0,"Mumbai":12.5}

print(population)

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

{'Shanghai': 17.8, 'Istanbul': 13.3, 'Karachi': 13.0, 'Mumbai': 12.5}

In [3]:



animals**=**{'dogs':[20,10,15,8,32,15],'cats':[3,4,2,8,2,4],'rabbits':[2,3,3],'fish':[0.3,0.5,0.8,0.3,1]}

print(animals['dogs'])

print(animals['dogs'][3])

print(animals[3])*#eroor will come*

print(animals['fish']

[20, 10, 15, 8, 32, 15]

8

**---------------------------------------------------------------------------**

**KeyError** Traceback (most recent call last)

**<ipython-input-3-bf946b47c9da>** in <module>

2 print**(**animals**['dogs'])**

3 print**(**animals**['dogs'][3])**

**----> 4** print**(**animals**[3])#eroor will come**

5 print**(**animals**['fish'])**

**KeyError**: 3

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

In [4]:



a**=**[1,2,2,3,3,3,4,4,4,4]

b**=**set(a)

print(len(a)**-**len(b))

6

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

In [5]:



tuple\_a**=**3,4

tuple\_b**=**(3,4)

print(tuple\_a**==**tuple\_b)

print(tuple\_a[1])

True

4

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

In [7]:



names**=**["Carol","Albert","Ben","Donna"]

print("&".join(sorted(names)))*#alpabetical wise sorting*

Albert&Ben&Carol&Donna