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File Edit Selection View Go Run Terminal Help d3.py - Visual Studio Code [Administrator]
Welcome nested.py d3.py
C:\Users\765399> OneDrive - Cognizant\Desktop> d3.py
3 # use comprehensions to get the below:
4 l = [("Guido", 2000, 500), ("Raymond", -52, 1000), ("Jack", 900, 1000), ("Brandon", 2000, 0)]
5 print(l)
6
7 #dict of those with proper balances (above or equal min bal) {
8 d = dict((idx[0], idx[1]) for idx in l if idx[1]>=idx[2])
9 print(d)
10
11 #set of all balances {2000, -52, 900}
12 s = {bal[1] for bal in l}
13 print(s)
14
15 #list of account holders ["Guido", "Raymond", "Jack", "Brandon"]
16 ll = [nam[0] for nam in l]
17 print(ll)
18
19 #dict of user and money each need to fulfill the min balance re
20 #(those who already have enough bal should not be in the dict)
21 d1 = dict((i[0],i[2]-i[1])) for i in l if (i[1]-i[2])<i[2])
22 print(d1)
23
24 #list of tuples with name and current balance if the balance is
25 lt = [(i[0],i[1]) for i in l if i[1]>0]
26 print(lt)

C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.17763.1518]
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C:\Users\765399\OneDrive - Cognizant\Desktop>python d3.py
[('Guido', 2000, 500), ('Raymond', -52, 1000), ('Jack', 900, 1000), ('Brandon', 2000, 0)]
{'Guido': 2000, 'Brandon': 2000}
{2000, 900, -52}
['Guido', 'Raymond', 'Jack', 'Brandon']
{'Raymond': 1052, 'Jack': 100}
[('Guido', 2000), ('Jack', 900), ('Brandon', 2000)]
C:\Users\765399\OneDrive - Cognizant\Desktop>

python
Python 3.8.3 (default, Jul 2 2020, 17:30:36) [MSC v.1916 64 bit (AMD64)]
Type "help", "copyright", "credits" or "license" for more information.
>>>
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