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**Atm.py**

|  |
| --- |
| try: |
|  |
|  |
|  | f = open('Accounts.txt', 'r') |
|  | f.close() |
|  | except FileNotFoundError: |
|  |
|  | f = open('Accounts.txt', 'w') |
|  | f.close() |
|  |
|  |
|  | import menu1 |
|  | import os |
|  |  |
|  | os.system('clear') |
|  | menu1.menu1() |

**Withdraw.py**

|  |
| --- |
| import time |
|  | import read\_file |
|  |  |
|  |  |
|  | def withdraw(ls): |
|  | # ls is a list of the information of the account |
|  | # ls[0] id |
|  | # ls[1] name |
|  | # ls[2] password |
|  | # ls[3] balance |
|  |  |
|  | current\_balance = int(ls[3]) |
|  | # make changes to another variable to keep the previous balance unchanged in ls[3] |
|  | # to print it later, then save ls[3] = current\_balance |
|  | print('Your current balance: ' + ls[3]) |
|  |  |
|  | withdraw\_amount = int(input('Enter withdraw amount: ')) |
|  |  |
|  | if withdraw\_amount > current\_balance: |
|  | print("ERROR: You can't withdraw more than your current balance") |
|  | else: |
|  | current\_balance -= abs(withdraw\_amount) # to guarantee the entered value |
|  |  |
|  | file\_name = ls[0] + '.txt' |
|  | process\_list = read\_file.read\_file(file\_name) |
|  | id\_file = open(file\_name, 'a') |
|  |  |
|  | if len(process\_list) == 0: |
|  | # if there are no processes in the file |
|  | last\_id = 1 |
|  | else: |
|  | last\_id = int(process\_list[len(process\_list)-1][0]) + 1 |
|  | # get last id and increment it |
|  |  |
|  | id\_file.write('{0}\twithdraw\t\t\t{1}\t{2}\t{3}\n'.format(str(last\_id), str(time.ctime()), ls[3], str(current\_balance))) |
|  | # write-> process\_id process\_name process\_date\_and\_time before\_process after\_process |
|  | id\_file.close() |
|  | ls[3] = str(current\_balance) |
|  | print('Your current balance: ' + ls[3]) |
|  |  |
|  | return ls |