Exercise 4

Use the Analytics dataset for this question provided to you in the data folder (/data/analytics). Import it using mongoimport

Write Mongo Shell script for **(d)** and a Python Script for others. Create a new file for each sub-question and name it in the format - **<your-id>_q3<sub-ques-no>.py** or **.txt** for **(d)**.

a) Get **distinct** account details [Account Number, Owner name, Email, Username] for all the accounts associated with 'InvestmentStock'.

b) Get Average Limit set by the account holders used for the 'Commodity' product.

c) Get Total Funds used by James Smith [username - ashley97] to buy products (roundoff to the nearest integer).

d) Add a new transaction in the account used as Broker by Leslie Martinez to buy Amazon stocks [symbol - amzn] at a price of 650.50 per stock and a total amount of 100 stocks bought today.

e) Delete account of Leslie Martinez which she used for buying/selling of 'Commodity' product [Including all the transaction details].