balance sheets

July 13, 2022

[]: import yahoo_fin.stock_info as si

```
import pandas as pd
     import numpy as np
     import concurrent.futures
     import time
     startTime = time.time()
[]: def pull_fin_info(function_call, stock_list):
         futures_df = {}
         with concurrent futures ProcessPoolExecutor() as executor:
             for ticker in stock list:
                     futures_df[ticker] = executor.submit(function_call,ticker)
         results_df = {}
         for ticker in stock_list:
             try:
                 results_df[ticker] = futures_df[ticker].result(60) # 60 sec timeout
                 print('pull error on ' + ticker)
                 break
         # print(results_df)
         recent_sheets = pd.DataFrame(np.empty((0, 1)))
         recent_sheets = {ticker : sheet.iloc[:,:1] for ticker,sheet in results_df.
      →items()}
         for ticker in recent_sheets.keys():
             # if recent_sheets[ticker].columns() > 0:
             try:
                 recent_sheets[ticker].columns = ['Recent']
             except ValueError:
                 print('column re-name error on ' + ticker)
         recent_sheets = pd.concat(recent_sheets)
         recent_sheets = recent_sheets.reset_index()
         recent_sheets.columns = ['Ticker', 'Breakdown', 'Recent']
         return recent_sheets
```

```
[]: stock_list = ['AMZN','KO','TSLA','GME','AAPL','GOOG','SPOT']
    stock_list.extend(['ELV'])
    stock_list.extend(si.tickers_dow())
     # stock_list.extend(si.tickers_sp500())
    print('stock list pull done seconds - ' + str(round(time.time() - startTime,2)))
    stock_list = list(dict.fromkeys(stock_list))
     # print(stock_list)
    stock list pull done seconds - 0.91
[]: balance_sheets = pull_fin_info(si.get_balance_sheet, stock_list)
    print('balance sheets done seconds - ' + str(round(time.time() - startTime,2)))
    balance sheets done seconds - 6.13
[]: income_statements = pull_fin_info(si.get_income_statement, stock_list)
    print('income statements done seconds - ' + str(round(time.time() -__
      ⇔startTime,2)))
    pull error on JNJ
    income statements done seconds - 16.39
[]: cash flow_statements = pull_fin_info(si.get_cash flow, stock_list)
    print('cash flow statements done seconds - ' + str(round(time.time() - ∪
      ⇒startTime,2)))
    pull error on ELV
    cash flow statements done seconds - 31.42
[]: frames = [balance_sheets, income_statements, cash_flow_statements]
     combined_df = pd.concat(frames)
    combined_df = combined_df.reset_index()
[]: pivot_df = combined_df.pivot_table(index='Ticker', columns='Breakdown',__
      ⇔values='Recent', aggfunc='sum')
[]: pivot_df.query("Ticker == 'AMZN'")
[]: Breakdown accountsPayable capitalExpenditures capitalSurplus
                                                                              cash \
    Ticker
    AMZN
                   7.866400e+10
                                      -6.105300e+10
                                                       5.553800e+10 3.622000e+10
    Breakdown changeInCash changeToAccountReceivables changeToInventory \
    Ticker
    AMZN
                                          -1.816300e+10
                                                             -9.487000e+09
              -5.900000e+09
```

```
Breakdown changeToLiabilities changeToNetincome \
Ticker
                  5.916000e+09
                                    -1.722000e+09
AMZN
Breakdown changeToOperatingActivities ... totalCashFromOperatingActivities \
Ticker
AMZN
                          2.123000e+09 ...
                                                               4.632700e+10
Breakdown totalCashflowsFromInvestingActivities totalCurrentAssets \
Ticker
AMZN
                                   -5.815400e+10
                                                        1.615800e+11
Breakdown totalCurrentLiabilities totalLiab totalOperatingExpenses \
Ticker
AMZN
                      1.422660e+11 2.823040e+11
                                                            4.449430e+11
{\tt Breakdown totalOtherIncomeExpenseNet totalRevenue totalStockholderEquity} \ \setminus \\
Ticker
                         1.327600e+10 4.698220e+11
AMZN
                                                                1.382450e+11
Breakdown treasuryStock
Ticker
AMZN
           -3.213000e+09
[1 rows x 69 columns]
```

[]: pivot_df.query("ebit >= 0")

		. ,				
[]:	Breakdown Ticker	accountsPayable	capitalExpenditures	capitalSurplus	cash	\
	AAPL	5.476300e+10	-1.108500e+10	NaN	3.494000e+10	
	AMGN	1.366000e+09	NaN	NaN	7.989000e+09	
	AMZN	7.866400e+10	-6.105300e+10	5.553800e+10	3.622000e+10	
	AXP	9.495600e+10	NaN	1.149500e+10	2.104000e+10	
	CAT	8.154000e+09	NaN	NaN	8.428000e+09	
	CRM	2.956000e+09	NaN	5.091900e+10	5.464000e+09	
	CSCO	2.513000e+09	NaN	NaN	9.175000e+09	
	CVX	1.645400e+10	NaN	1.728200e+10	5.640000e+09	
	DIS	1.567900e+10	NaN	NaN	1.595900e+10	
	DOW	8.416000e+09	NaN	8.151000e+09	2.988000e+09	
	ELV	2.400900e+10	NaN	9.148000e+09	4.880000e+09	
	GOOG	6.037000e+09	-2.464000e+10	NaN	2.094500e+10	
	GS	2.519310e+11	NaN	5.639600e+10	2.610360e+11	
	HD	1.346200e+10	NaN	1.213200e+10	2.343000e+09	
	HON	6.484000e+09	NaN	8.141000e+09	1.095900e+10	
	IBM	3.955000e+09	NaN	NaN	6.650000e+09	
	INTC	5.747000e+09	NaN	NaN	4.827000e+09	

KO	4.602000e+09	-1.367000e+09	1.811600e+10	9.684000e+09
SPOT	5.340000e+08	-8.500000e+07	4.746000e+09	2.744000e+09
TSLA	1.002500e+10		2.980300e+10	1.757600e+10
Breakdown	changeInCash change	${ t ToAccount Receivables}$	changeToInv	entory \
Ticker	0.00000000	4 040500 .40	0.0400	0000
AAPL	-3.860000e+09	-1.012500e+10		
AMGN	NaN	NaN		NaN
AMZN	-5.900000e+09	-1.816300e+10		
AXP	NaN	NaN		NaN
CAT	NaN	NaN		NaN
CRM	NaN	NaN	i	NaN
CSCO	NaN	NaN	İ	NaN
CVX	NaN	NaN	İ	NaN
DIS	NaN	NaN	İ	NaN
DOW	NaN	NaN	ſ	NaN
ELV	NaN	NaN	ſ	NaN
GOOG	-5.520000e+09	-9.095000e+09)	NaN
GS	NaN	NaN	I	NaN
HD	NaN	NaN	[NaN
HON	NaN	NaN	[NaN
IBM	NaN	NaN		NaN
INTC	NaN	NaN		NaN
KO	2.915000e+09	-2.250000e+08		
SPOT	1.593000e+09	-2.450000e+08		NaN
TSLA	-1.757000e+09	-1.300000e+08		
10211	111010000	1.0000000	111000	
Breakdown	changeToLiabilities	changeToNetincome	\	
Ticker				
AAPL	1.400200e+10	2.985000e+09		
AMGN	NaN	NaN		
AMZN	5.916000e+09	-1.722000e+09		
AXP	NaN	NaN		
CAT	NaN	NaN		
CRM	NaN	NaN		
CSCO	NaN	NaN		
CVX	NaN	NaN		
DIS	NaN	NaN		
DOW	NaN	NaN		
ELV	NaN	NaN		
GOOG	1.057000e+09	4.712000e+09		
GS	NaN	NaN		
HD	NaN	NaN		
HON	NaN	NaN		
IBM	NaN	NaN NaN		
INTC	NaN	NaN NaN		
KO	2.843000e+09	7.700000e+07		

SPOT TSLA		860000e+08 650000e+09		
				`
Breakdown Ticker	changeToOperatingActivities		ashFromOperatingActivities	\
AAPL	-6.146000e+09	•••	1.040380e+11	
AMGN	NaN	•••	NaN	
AMZN	2.123000e+09	•••	4.632700e+10	
AXP	NaN	•••	NaN	
CAT	NaN	•••	NaN	
CRM	NaN	•••	NaN	
CSCO	NaN	***	NaN	
CVX	NaN	•••	NaN	
DIS	NaN NaN	***	NaN	
DOW ELV	NaN NaN	•••	NaN NaN	
GOOG	7.140000e+09	***	9.165200e+10	
GS	NaN	•••	3.1662666116 NaN	
HD	NaN	•••	NaN	
HON	NaN	•••	NaN	
IBM	NaN	•••	NaN	
INTC	NaN	***	NaN	
KO	-5.920000e+08	•••	1.262500e+10	
SPOT	5.000000e+06	•••	3.610000e+08	
	0.0000000.00			
TSLA	-3.014000e+09		1.149700e+10	
TSLA		 ctivities	1.149700e+10	
TSLA Breakdown Ticker	-3.014000e+09 totalCashflowsFromInvestingA		1.149700e+10 totalCurrentAssets \	
TSLA Breakdown Ticker AAPL	-3.014000e+09 totalCashflowsFromInvestingA	54500e+10	1.149700e+10 totalCurrentAssets \ 1.348360e+11	
TSLA Breakdown Ticker AAPL AMGN	-3.014000e+09 totalCashflowsFromInvestingA	54500e+10 NaN	1.149700e+10 totalCurrentAssets \ 1.348360e+11 1.938500e+10	
TSLA Breakdown Ticker AAPL AMGN AMZN	-3.014000e+09 totalCashflowsFromInvestingA	54500e+10 NaN 15400e+10	1.149700e+10 totalCurrentAssets \ 1.348360e+11 1.938500e+10 1.615800e+11	
TSLA Breakdown Ticker AAPL AMGN AMZN AXP	-3.014000e+09 totalCashflowsFromInvestingA	54500e+10 NaN 15400e+10 NaN	1.149700e+10 totalCurrentAssets \ 1.348360e+11 1.938500e+10 1.615800e+11 1.640180e+11	
TSLA Breakdown Ticker AAPL AMGN AMZN AXP CAT	-3.014000e+09 totalCashflowsFromInvestingA	54500e+10 NaN 15400e+10 NaN NaN	1.149700e+10 totalCurrentAssets \ 1.348360e+11 1.938500e+10 1.615800e+11 1.640180e+11 4.345500e+10	
TSLA Breakdown Ticker AAPL AMGN AMZN AXP CAT CRM	-3.014000e+09 totalCashflowsFromInvestingA	54500e+10 NaN 15400e+10 NaN NaN	1.149700e+10 totalCurrentAssets \ 1.348360e+11 1.938500e+10 1.615800e+11 1.640180e+11 4.345500e+10 2.285000e+10	
TSLA Breakdown Ticker AAPL AMGN AMZN AXP CAT	-3.014000e+09 totalCashflowsFromInvestingA	54500e+10 NaN 15400e+10 NaN NaN	1.149700e+10 totalCurrentAssets \ 1.348360e+11 1.938500e+10 1.615800e+11 1.640180e+11 4.345500e+10	
TSLA Breakdown Ticker AAPL AMGN AMZN AXP CAT CRM CSCO	-3.014000e+09 totalCashflowsFromInvestingA	54500e+10 NaN 15400e+10 NaN NaN NaN	1.149700e+10 totalCurrentAssets \ 1.348360e+11 1.938500e+10 1.615800e+11 1.640180e+11 4.345500e+10 2.285000e+10 3.911200e+10	
TSLA Breakdown Ticker AAPL AMGN AMZN AXP CAT CRM CSCO CVX	-3.014000e+09 totalCashflowsFromInvestingA	54500e+10 NaN 15400e+10 NaN NaN NaN NaN	1.149700e+10 totalCurrentAssets \ 1.348360e+11 1.938500e+10 1.615800e+11 1.640180e+11 4.345500e+10 2.285000e+10 3.911200e+10 3.373800e+10	
TSLA Breakdown Ticker AAPL AMGN AMZN AXP CAT CRM CSCO CVX DIS	-3.014000e+09 totalCashflowsFromInvestingA	54500e+10 NaN 15400e+10 NaN NaN NaN NaN NaN	1.149700e+10 totalCurrentAssets \ 1.348360e+11 1.938500e+10 1.615800e+11 1.640180e+11 4.345500e+10 2.285000e+10 3.911200e+10 3.373800e+10 3.365700e+10	
TSLA Breakdown Ticker AAPL AMGN AMZN AXP CAT CRM CSCO CVX DIS DOW ELV GOOG	-3.014000e+09 totalCashflowsFromInvestingA -1.4 -5.8	54500e+10 NaN 15400e+10 NaN NaN NaN NaN NaN NaN	1.149700e+10 totalCurrentAssets \ 1.348360e+11 1.938500e+10 1.615800e+11 1.640180e+11 4.345500e+10 2.285000e+10 3.911200e+10 3.373800e+10 3.365700e+10 2.084800e+10 5.112200e+10 1.881430e+11	
TSLA Breakdown Ticker AAPL AMGN AMZN AXP CAT CRM CSCO CVX DIS DOW ELV GOOG GS	-3.014000e+09 totalCashflowsFromInvestingA -1.4 -5.8	54500e+10 NaN 15400e+10 NaN NaN NaN NaN NaN NaN NaN NaN NaN Na	1.149700e+10 totalCurrentAssets \ 1.348360e+11 1.938500e+10 1.615800e+11 1.640180e+11 4.345500e+10 2.285000e+10 3.911200e+10 3.373800e+10 3.365700e+10 2.084800e+10 5.112200e+10 1.881430e+11 1.349466e+12	
TSLA Breakdown Ticker AAPL AMGN AMZN AXP CAT CRM CSCO CVX DIS DOW ELV GOOG GS HD	-3.014000e+09 totalCashflowsFromInvestingA -1.4 -5.8	54500e+10 NaN 15400e+10 NaN NaN NaN NaN NaN NaN NaN NaN NaN Na	1.149700e+10 totalCurrentAssets \ 1.348360e+11 1.938500e+10 1.615800e+11 1.640180e+11 4.345500e+10 2.285000e+10 3.911200e+10 3.373800e+10 3.365700e+10 2.084800e+10 5.112200e+10 1.881430e+11 1.349466e+12 2.905500e+10	
TSLA Breakdown Ticker AAPL AMGN AMZN AXP CAT CRM CSCO CVX DIS DOW ELV GOOG GS HD HON	-3.014000e+09 totalCashflowsFromInvestingA -1.4 -5.8	54500e+10 NaN 15400e+10 NaN NaN NaN NaN NaN NaN NaN NaN NaN Na	1.149700e+10 totalCurrentAssets \ 1.348360e+11 1.938500e+10 1.615800e+11 1.640180e+11 4.345500e+10 2.285000e+10 3.911200e+10 3.373800e+10 3.365700e+10 2.084800e+10 5.112200e+10 1.881430e+11 1.349466e+12 2.905500e+10 2.537200e+10	
TSLA Breakdown Ticker AAPL AMGN AMZN AXP CAT CRM CSCO CVX DIS DOW ELV GOOG GS HD HON IBM	-3.014000e+09 totalCashflowsFromInvestingA -1.4 -5.8	54500e+10 NaN 15400e+10 NaN NaN NaN NaN NaN NaN NaN NaN NaN Na	1.149700e+10 totalCurrentAssets \ 1.348360e+11 1.938500e+10 1.615800e+11 1.640180e+11 4.345500e+10 2.285000e+10 3.911200e+10 3.373800e+10 3.365700e+10 2.084800e+10 5.112200e+10 1.881430e+11 1.349466e+12 2.905500e+10 2.537200e+10 2.953900e+10	
TSLA Breakdown Ticker AAPL AMGN AMZN AXP CAT CRM CSCO CVX DIS DOW ELV GOOG GS HD HON IBM INTC	-3.014000e+09 totalCashflowsFromInvestingA -1.4 -5.8	54500e+10 NaN 15400e+10 NaN NaN NaN NaN NaN NaN NaN NaN NaN Na	1.149700e+10 totalCurrentAssets \ 1.348360e+11 1.938500e+10 1.615800e+11 1.640180e+11 4.345500e+10 2.285000e+10 3.911200e+10 3.373800e+10 3.365700e+10 2.084800e+10 5.112200e+10 1.881430e+11 1.349466e+12 2.905500e+10 2.537200e+10 2.953900e+10 5.771800e+10	
TSLA Breakdown Ticker AAPL AMGN AMZN AXP CAT CRM CSCO CVX DIS DOW ELV GOOG GS HD HON IBM	-3.014000e+09 totalCashflowsFromInvestingA -1.4 -5.8 -3.5	54500e+10 NaN 15400e+10 NaN NaN NaN NaN NaN NaN NaN NaN NaN Na	1.149700e+10 totalCurrentAssets \ 1.348360e+11 1.938500e+10 1.615800e+11 1.640180e+11 4.345500e+10 2.285000e+10 3.911200e+10 3.373800e+10 3.365700e+10 2.084800e+10 5.112200e+10 1.881430e+11 1.349466e+12 2.905500e+10 2.537200e+10 2.953900e+10	

TSLA -7.868000e+09 2.710000e+10

Ticker AAPL
AMGN 1.218400e+10 5.446500e+10 1.664100e+10 AMZN 1.422660e+11 2.823040e+11 4.449430e+11 AXP 1.058250e+11 1.663710e+11 3.363000e+10 CAT 2.984700e+10 6.627700e+10 4.269700e+10 CRM 2.178800e+10 3.707800e+10 2.589000e+10 CSCO 2.625700e+10 5.622200e+10 3.605300e+10 CVX 2.679100e+10 9.959500e+10 1.397460e+11 DIS 3.107700e+10 1.013850e+11 6.392600e+10 DOW 1.322600e+10 4.425100e+10 4.674900e+10 ELV 3.488500e+10 6.133200e+10 1.296860e+11 GOGG 6.425400e+10 1.076330e+11 1.789230e+11 GS 8.041480e+11 1.353222e+12 3.140400e+10 HD 2.869300e+10 7.357200e+10 1.278550e+11 HON 1.950800e+10 4.522100e+10 2.691900e+10 IBM 3.361900e+10 1.130050e+11 5.157900e+10 ITTC 2.746200e+10 7.301500e+10 5.694200e+10 KO 1.995000e+10 6.949400e+10 2.749400e+10 SPOT 3.226000e+09 5.051000e+09 9.572000e+09 TSLA 1.970500e+10 3.054800e+10 4.730000e+10 Breakdown totalOtherIncomeExpenseNet totalRevenue totalStockholderEquity \ Ticker AAPL 2.580000e+08 3.658170e+11 6.309000e+10 AMGN -2.637000e+09 2.597900e+10 6.700000e+09 AMZN 1.327600e+10 4.698220e+11 1.382450e+11 AXP 5.200000e+08 4.379900e+10 5.813100e+10 CRM 9.300000e+08 4.981800e+10 5.813100e+10 CRM 9.300000e+08 4.981800e+10 5.813100e+10 CCCC -5.030000e+08 4.981800e+10 5.813100e+10 CCCCC -5.030000e+08 4.981800e+10 5.813100e+10 CCCCC -5.030000e+08 4.981800e+10 5.813100e+10
AMZN 1.422660e+11 2.823040e+11 4.449430e+11 AXP 1.058250e+11 1.663710e+11 3.363000e+10 CAT 2.984700e+10 6.627700e+10 4.269700e+10 CRM 2.178800e+10 3.707800e+10 2.589000e+10 CSCO 2.625700e+10 5.62200e+10 3.605300e+10 CVX 2.679100e+10 9.959500e+10 1.397460e+11 DIS 3.107700e+10 1.013850e+11 6.392600e+10 DOW 1.322600e+10 4.425100e+10 4.674900e+10 DOW 1.322600e+10 6.133200e+10 1.296860e+11 GOOG 6.425400e+10 1.076330e+11 1.789230e+11 GS 8.041480e+11 1.353222e+12 3.140400e+10 HD 2.869300e+10 7.357200e+10 1.278550e+11 HON 1.950800e+10 4.52100e+10 2.691900e+10 IDM 3.361900e+10 1.130050e+11 5.157900e+10 IDM 3.361900e+10 1.30050e+11 5.157900e+10 IDM 3.361900e+10 1.30050e+11 5.157900e+10 IDM 3.22600e+09 5.051000e+09 9.572000e+09 TSLA 1.970500e+10 3.054800e+10 4.730000e+10 4.730000e+10 IDM 3.226000e+09 5.051000e+09 9.572000e+09 TSLA 1.970500e+10 3.054800e+10 4.730000e+10 4.730000e+10 AMGN -2.637000e+09 2.597900e+10 6.700000e+09 AMZN 1.327600e+10 4.698220e+11 1.382450e+11 AXP 5.200000e+08 4.379900e+10 5.813100e+10 CVX 5.779000e+09 1.556060e+11 5.813100e+10 CVX 5.779000e+09 1.556060e+11 5.813100e+10 CVX 5.779000e+09 1.556060e+11 1.390670e+11 CVX
AXP
CAT
CRM
CSCO 2.625700e+10 5.622200e+10 3.605300e+10 CVX 2.679100e+10 9.959500e+10 1.397460e+11 DIS 3.107700e+10 1.013850e+11 6.392600e+10 DOW 1.322600e+10 4.425100e+10 4.674900e+10 ELV 3.488500e+10 6.133200e+10 1.296860e+11 GOOG 6.425400e+10 1.076330e+11 1.789230e+11 GS 8.041480e+11 1.35322e+12 3.140400e+10 HD 2.869300e+10 7.357200e+10 1.278550e+11 HON 1.950800e+10 4.522100e+10 2.691900e+10 IDM 3.361900e+10 4.522100e+10 2.691900e+10 IDM 3.361900e+10 7.301500e+10 5.694200e+10 KO 1.995000e+10 6.949400e+10 2.749400e+10 SPOT 3.226000e+09 5.051000e+09 9.572000e+09 TSLA 1.970500e+10 3.658170e+11 6.309000e+10 AMGN -2.637000e+09 2.597900e+10 6.700000e+09 AMZN 1.327600e+10 4.698220e+11
CVX 2.679100e+10 9.959500e+10 1.397460e+11 DIS 3.107700e+10 1.013850e+11 6.392600e+10 DOW 1.322600e+10 4.425100e+10 4.674900e+10 ELV 3.488500e+10 6.133200e+10 1.296860e+11 GODG 6.425400e+10 1.076330e+11 1.789230e+11 GS 8.041480e+11 1.353222e+12 3.140400e+10 HD 2.869300e+10 7.357200e+10 1.278550e+11 HON 1.950800e+10 4.522100e+10 2.691900e+10 INTC 2.746200e+10 7.301500e+11 5.157900e+10 INTC 2.746200e+10 7.301500e+10 5.694200e+10 KO 1.995000e+10 6.949400e+10 2.749400e+10 SPOT 3.226000e+09 5.051000e+09 9.572000e+09 TSLA 1.970500e+10 3.054800e+10 4.730000e+10 APL 2.580000e+08 3.658170e+11 6.309000e+10 AMGN -2.637000e+09 2.597900e+10 6.700000e+09 AMZN 1.327600e+10 4.698220e+11
DIS 3.1077700e+10 1.013850e+11 6.392600e+10 DOW 1.322600e+10 4.425100e+10 4.674900e+10 ELV 3.488500e+10 6.133200e+10 1.296860e+11 GOOG 6.425400e+10 1.076330e+11 1.789230e+11 GS 8.041480e+11 1.353222e+12 3.140400e+10 HD 2.869300e+10 7.357200e+10 1.278550e+11 HON 1.950800e+10 4.522100e+10 2.691900e+10 IBM 3.361900e+10 1.30050e+11 5.157900e+10 INTC 2.746200e+10 7.301500e+10 5.694200e+10 KO 1.995000e+10 6.949400e+10 2.749400e+10 SPOT 3.226000e+09 5.051000e+09 9.572000e+09 TSLA 1.970500e+10 3.054800e+10 4.730000e+10 AMCH 2.580000e+08 3.658170e+11 6.309000e+10 AMGN -2.637000e+09 2.597900e+10 6.700000e+09 AMZN 1.327600e+10 4.698220e+11 1.382450e+11 AXP 5.200000e+08 4.379900e+10
DOW
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GS 8.041480e+11 1.353222e+12 3.140400e+10 HD 2.869300e+10 7.357200e+10 1.278550e+11 HON 1.950800e+10 4.522100e+10 2.691900e+10 IBM 3.361900e+10 1.130050e+11 5.157900e+10 INTC 2.746200e+10 7.301500e+10 5.694200e+10 KO 1.995000e+10 6.949400e+10 2.749400e+10 SPOT 3.226000e+09 5.051000e+09 9.572000e+09 TSLA 1.970500e+10 3.054800e+10 4.730000e+10 Breakdown totalOtherIncomeExpenseNet totalRevenue totalStockholderEquity \ Ticker AAPL 2.580000e+08 3.658170e+11 6.309000e+10 AMGN -2.637000e+09 2.597900e+10 6.700000e+09 AMZN 1.327600e+10 4.698220e+11 1.382450e+11 AXP 5.200000e+08 4.379900e+10 2.217700e+10 CAT -3.900000e+08 4.379900e+10 5.813100e+10 CRM 9.300000e+08 4.981800e+10 4.127500e+10 CSCO -5.030000e+08 4.981800e+10 4.127500e+10 CVX 5.779000e+09 1.556060e+11 1.390670e+11
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AMZN 1.327600e+10 4.698220e+11 1.382450e+11 AXP 5.200000e+08 4.379900e+10 2.217700e+10 CAT -3.900000e+07 5.097100e+10 1.648400e+10 CRM 9.300000e+08 2.649200e+10 5.813100e+10 CSCO -5.030000e+08 4.981800e+10 4.127500e+10 CVX 5.779000e+09 1.556060e+11 1.390670e+11
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CAT -3.900000e+07 5.097100e+10 1.648400e+10 CRM 9.300000e+08 2.649200e+10 5.813100e+10 CSCO -5.030000e+08 4.981800e+10 4.127500e+10 CVX 5.779000e+09 1.556060e+11 1.390670e+11
CRM 9.300000e+08 2.649200e+10 5.813100e+10 CSCO -5.030000e+08 4.981800e+10 4.127500e+10 CVX 5.779000e+09 1.556060e+11 1.390670e+11
CSCO -5.030000e+08 4.981800e+10 4.127500e+10 CVX 5.779000e+09 1.556060e+11 1.390670e+11
CVX 5.779000e+09 1.556060e+11 1.390670e+11
DIG =0 310000±108 6 741900±10 9 955200±10
-3.310000e+00 0.741000e+10 0.000000e+10
DOW -7.400000e+07 5.496800e+10 1.816500e+10
ELV -1.032000e+09 1.386430e+11 3.606000e+10
GOOG 1.202000e+10 2.576370e+11 2.516350e+11
GS -5.340000e+08 5.898200e+10 9.922300e+10
HD -1.565000e+09 1.511570e+11 -1.696000e+09
HON -2.380000e+08 3.439200e+10 1.856900e+10
IBM -9.350000e+08 5.735100e+10 1.890100e+10
INTC -3.790000e+08 7.902400e+10 9.539100e+10
KO 1.264000e+09 3.865500e+10 2.299900e+10
SPOT 1.530000e+08 9.668000e+09 2.119000e+09

```
Breakdown treasuryStock
Ticker
AAPL
            1.630000e+08
AMGN
           -7.960000e+08
AMZN
           -3.213000e+09
AXP
           -2.945000e+09
CAT
           -2.919600e+10
CRM
           -1.660000e+08
CSCO
           -4.170000e+08
CVX
           -4.559300e+10
DIS
           -7.347000e+09
DOW
           -1.061700e+10
ELV
           -1.780000e+08
GOOG
           -1.623000e+09
GS
           -8.899300e+10
HD
           -8.149800e+10
HON
           -3.335700e+10
IBM
           -1.926270e+11
INTC
           -8.800000e+08
ΚO
           -6.597100e+10
SPOT
            5.930000e+08
TSLA
            5.400000e+07
```

[20 rows x 69 columns]

```
[]: executionTime = (time.time() - startTime)
print('Execution time in seconds: ' + str(executionTime))
```

Execution time in seconds: 31.84090304374695