**"""Application shell for menu driven app"""**

**import sys**

**import pandas\_datareader as pdr**

**from time import time, sleep**

**def display\_menu():**

**print(**

**"""**

**StockTracker Menu**

**1. Track Watchlist**

**2. Add Watchlist**

**3. Edit Watchlist**

**4. Delete Watchlist**

**5. Exit**

**"""**

**)**

**def track(watchlist):**

**start\_time = time()**

**while True:**

**print(pdr.get\_quote\_yahoo(watchlist)['price'])**

**elapsed = time() - start\_time**

**if elapsed >= 10:**

**prompt = input("Would you like to continue? y/n: ")**

**if prompt == 'n':**

**break**

**start\_time = time()**

**elapsed = 0**

**sleep(1)**

**def add\_list():**

**symbols = []**

**symbol = input("Enter a stock symbol: ")**

**while symbol != '':**

**if symbol not in symbols:**

**symbols.append(symbol.upper())**

**symbol = input("Enter a stock symbol: ")**

**return sorted(symbols)**

**def edit\_list():**

**pass**

**def delete\_list():**

**pass**

**# actions = {'1' : track, '2' : add\_list, '3' : delete\_list, '4' : edit\_list}**

**def main():**

**while True:**

**display\_menu()**

**choice = input("Enter your choice: ")**

**if choice == '1':**

**track(watchlist)**

**elif choice == '2':**

**watchlist = add\_list()**

**elif choice == '3':**

**watchlist = edit\_list()**

**elif choice == '4':**

**watchlist = delete\_list()**

**elif choice == '5':**

**print("Thank you for using stonktracker!")**

**sys.exit(0)**

**else:**

**print("Please make a valid choice")**

**if \_\_name\_\_ == "\_\_main\_\_":**

**main()**