CMPUT 401 - Assignment 2

Research and Screening:

- List all the issues that are related to the piece of code to which you were assigned to
  - https://github.com/ranaroussi/yfinance/issues/134
  - https://github.com/ranaroussi/yfinance/issues/138
  - https://github.com/ranaroussi/yfinance/issues/184
  - https://github.com/ranaroussi/yfinance/issues/151
  - https://github.com/ranaroussi/yfinance/issues/570
  - https://github.com/ranaroussi/yfinance/issues/638
  - https://github.com/ranaroussi/yfinance/issues/589
  - https://github.com/ranaroussi/yfinance/issues/573
  - https://github.com/ranaroussi/yfinance/issues/344
  - https://github.com/ranaroussi/yfinance/issues/566
  - https://github.com/ranaroussi/yfinance/issues/198
  - https://github.com/ranaroussi/yfinance/issues/395
- List all the pull requests that are related to the piece of code to which you were assigned to
  - https://github.com/ranaroussi/yfinance/pull/648

Test Plan Document:

- **Test Objective:**
  - **'yfinance'** is a popular open source library developed by Ran Aroussi as a means to access the financial data available on Yahoo Finance.
  - **Yahoo Finance** offers an excellent range of market data on stocks, bonds, currencies and cryptocurrencies. It also offers market news, reports and analysis and additionally options and fundamentals data- setting it apart from some of its competitors.
  - We will be testing the correctness of the history function in base.py.

- **List of Team Members:**
  - Charles Ai
  - Akshat Gulati
  - Brian Rogador
  - Joshua Sabet
  - Lucas Ma

- **State problems found during Research Phase:**
  - **Pull Request 648/ Fix Issue 570 :** Data requests over a time period of 100 years throws an error
  - **Issue 134 :** When downloading the history of a ticker it does have rows with nan values in it

- **Issue 138 :** Due to the adjustment of OHLC (open-high-low-close chart) in the parameters for history function, it may happen that ohlc values get negative (negative value in open, high, low, close data).
- **Issue 184:** download daily US quotes are off by one day if run on a computer with European locale
- **Issue 151 :** Error in yfinance prices for dates before May 9th 2019
- **Issue 570 :** Error message with period='max'
- **Issue 638 :** It's pulling data from day earlier than 'start'
- **Issue 589 :** Handling strange last row of monthly or weekly data
- **Issue 573 :** Duplicate data on period '1d'
- **Issue 344 :** Any interval which is less than a day does not seem to work (Intraday Data). Error message is confusing since it states that Ticker may have been delisted which is not the case.
- **Issue 566 :** Only get one day of history for the ENT.L symbol even though there are much more candles for ENT.L on yahoo finance website.
- **Issue 198 :** History duplicates when trying to extract the history of ^TNX (10 years treasury).
- **Issue 395 :** .history() start dates being ignored and preceding dates being retrieved.

- List of all Planned Tests:
  - Test for hundred years data
  - Test for a period of 1 day (U2)
  - Test for one minute (U1)

- Specify Test Environment
  - Python

Test Case Document:
- List out events we would use to do for each test
- Make a report document for each Test Case Document

1. Test for a period of 1 day (U2)
2. Test for one minute (U1)