This coding bot is originally designed to function on a very simple principle: market hysteria. The basic principle is as follows: if a stock opens at least 7% under its previous day closing, it will be subject to a subtle rise. The purpose of this bot is to buy right at opening, and sell a few minutes after. Failsafe mechanisms will be put into place in the case that the stock falls after opening. As well, everything will be documented for me to look at for future reference.

**Steps:**

1. Bot must monitor and record the last 10 minutes of trading data for every stock that is given. It will then calculate the average price for each stock using minute by minute data, and record this number and all the stock prices for the last 10 minutes in an excel file labelled by ticker.
2. Right at market open, the bot will again monitor all stock prices at open and compare them to the previous days close. If there is a large negative discrepancy (at least 7%) the bot will buy the stock and write this action down in a text file. The bot will then monitor this stock specifically for price changes, buying or selling if there is a 2% upwards or downwards movement.

**Risk tolerance argument:**

Risk tolerance parameter is a value between 0-1 that determines the aggressiveness of the bot. The value determines how much of the total balance of available money that the bot will use per trade. The formula goes as follows: x = Risk tolerance. Y = 50\*x(%)