```
%% Parameters:

% SET PARAMETERS FOR THE
% SIMULATION HERE.  THEN,
% RUN "main.m".  MAKE SURE
% ALL CODE FILES ARE IN THE
% SAME FOLDER AND THAT
% FOLDER IS OPEN IN FREEMAT/
% MATLAB.


% NOTE:  TO CHANGE THE
% STRATEGY USED FOR CALCULATING
% THE STOCK PRICE BEHAVIORS,
% SEE THE "updateExchange()"
% FUNCTION.


            % % This is the amount of
            % % revenue that would be
            % % earned from selling
            % % the given stock at the
            % % new price relative to
            % % its price the day before.
            % THRESHOLD_SELL = 15;
            % % This represents the amount
            % % of money that would be
            % % saved by buying the stock
            % % at the current price
            % % relative to the price
            % % the day before.
            % THRESHOLD_BUY = 15;



SIMULATION_DAYS = 8000;
% This is the commission
% charged by the broker
% per trade in USD/trade.
TRADE_COMMISSION = 0;
% This is the minimum
% required profit (gain
% minus commission) required
% to justify a sell, in $.
MIN_TRANS_PROFIT = 5;
% Averaging window for
% function that determines
% the average of the stock
% price, in # days.
STOCK_AVG_WINDOW = 100;
% Account starting balance
```

```
% in $.
ACCOUNT_BALANCE_INIT = 10000;
% How much of account should
% be spent on initial stock
% purchase.
INITIAL_PURCHASE_AMOUNT =...
    (ACCOUNT_BALANCE_INIT / 2);
% Stock name to purchase
% and simulate.
NAME_TO_SIMULATE = 'General_Mills';
% Stock symbol to purchase
% and simulate.
SYMBOL_TO_SIMULATE = 'GIS';
% Exchange of stock being
% simulated.
EXCHANGE_TO_SIMULATE = 'NYSE';
```