

```
function [exchangeMatrix] = createExchange_03( ...
    timeStamp)

% Create theoretical stocks.

% This will create a list of
% theoretical stocks with information
% about their behavior.

% Create theoretical stocks and add data
% to their structures. Create a
% "stockExchange" matrix to store a list
% of all the stocks theoretically available
% for purchase. Each stock in the exchange
% will have

% For this version of the function,
% pull initial data directly from
% Yahoo! Finance historical data.

stockSymbol = 'GIS';
filename = sprintf('./Historical_Stock_Data/%s.csv', ...
    stockSymbol);
dataAll = csvread(filename);
dataClose = dataAll(:,4);
startPrice = dataClose(1);

% Create exchange matrix.
exchangeMatrix(1) = createStock( ...
    'General_Mills', ...
    'GIS', ...
    'NYSE', ...
    startPrice, ...
    timeStamp(1), ...
    timeStamp(2), ...
    timeStamp(3), ...
    -1, ...
    -1, ...
    startPrice, ...
    -1);

return;

end
```