

```
function [exchangeMatrix] = createExchange_02( ...
    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

% This code will create 5 imaginary stocks
% with a range of share prices. The
% stock exchange, timestamp, and trading
% volume will be the same for all the stocks,
% since price is the focus of the simulation.

exchangeMatrix(1) = createStock( ...
    'Stock_A', ...
    'AAA', ...
    'Exchange_01', ...
    50.0, ...
    timeStamp(1), ...
    timeStamp(2), ...
    timeStamp(3), ...
    51.0, ...
    49.0, ...
    50.0, ...
    10000);

return;

end
```