```matlab
function [stockStruct] = createStock(...
                name, ...
                symbol, ...
                exchange, ...
                currentPrice, ...
                year, ...
                month, ...
                day, ...
                high, ...
                low, ...
                close, ...
                volume)

    % Function to "create a stock".

    % This is a theoretical stock.
    % The "creation" means that the
    % stock structure is filled with
    % initial data which defines it.

    % This returns a stock structure
    % with all the initial information
    % about that stock's current value
    % and last day of trading in it.

    % The date information refers to the
    % date when the last trading occurred
    % for the stock.  The price and trade
    % information is for that last day
    % of trading.

    % Create stock structure.
    stockStruct = createEmptyStock();

    % Modify stock structure and
    % add all the relevant information.
    stockStruct.name = name;
    stockStruct.symbol = symbol;
    stockStruct.exchange = exchange;
    stockStruct.currentPrice = currentPrice;
    stockStruct.year(1) = year;
    stockStruct.month(1) = month;
    stockStruct.day(1) = day;
    stockStruct.high(1) = high;
    stockStruct.low(1) = low;
    stockStruct.close(1) = close;
    stockStruct.volume(1) = volume;

    return;

end
```