```
function [emptyPortfolio] = createEmptyPortfolio(name)

    % Definition of structure "portfolio".

    % The time here is of the last day
    % of trading of any stock
    % in the portfolio.  Each one is
    % a single value, not a matrix.

    % Matrix of the value of the portfolio
    % at the time of closing each day
    % recorded in the list.

    % This will be a matrix containing
    % a table of transaction information
    % (stock, numShares, date, time,
    % buy/sell, price, etc).  Each row
    % will be a transaction.  This matrix
    % will be easily exported to a CSV
    % file later.

    % The "stocks" matrix has the symbols
    % of all the stocks in the portfolio.

    % The "transactions" matrix has a table
    % of all the data for each transaction.
    % The columns, from left to right, are:
        % 01    transaction ('BUY' or 'SELL')
        % 02    year
        % 03    month
        % 04    day
        % 05    hour
        % 06    minute
        % 07    second
        % 08    stock symbol
        % 09    price
        % 10    number of shares
        % 11    total

    emptyPortfolio = struct(...
        'name',                 '',...
        'lastTradeDay_year',    0,...
        'lastTradeDay_month',   0,...
        'lastTradeDay_day',     0,...
        'stockSymbols',         {{}},...
        'stockShares',          [],...
        'totalInvestment',      0,...
        'totalRevenue',         0,...
        'totalValue',           0,...
        'transactions',         {{}});
```

```
    emptyPortfolio.name = name;

    return;

end
```