1. Create a data structure that holds a PORTFOLIO Entity with the following Elements:
   1. Portfolio Name
   2. Portfolio Code
   3. Portfolio Market Value
2. Create a data structure that holds a PORTFOLIO SHARE CLASS Entity, which is a child of the Portfolio Entity. A PORTFOLIO Entity has many PORTFOLIO SHARE CLASS children. The PORTFOLIO SHARE CLASS Entity has the following Elements:
   1. (A Reference to the Parent PORTFOLIO)
   2. Portfolio Share Class Name
   3. Portfolio Share Class Code
   4. Portfolio Share Class Base Fee

Note: The PORTFOLIO ‘has a’ collection of a PORTFOLIO SHARE CLASS entities. A PORTFOLIO SHARE CLASS entity does not inherit from the PORTFOLIO Entity.

## Create a node.js script that will:

1. Automatically load and populate the PORTFOLIO entity from a CSV file located in the same directory as the node.js script. The name of the portfolio csv is: Portfolio.CSV
2. Automatically load and populate the PORTFOLIO SHARE CLASS entity from a CSV file located in the same directory as the node.js script. The name of the portfolio share class csv is: PortfolioShareClass.CSV
3. If either file cannot be loaded for any reason, the program should end with a relevant error message.
4. If both files are loaded successfully, the program should give a message saying that it is ready to continue and present the user with a prompt to enter a command.
5. After the program process a command it should display the results and then present a new prompt for the next command.

### Commands:

1. COUNTS  Should display the total number of portfolios and portfolio shares classes loaded from the CSVs.

*Example Output:*

*>COUNTS*

*10 Portfolios loaded.*

*35 Portfolio Shares Classes loaded.*

1. LIST PORTFOLIOS  Should display a list of all portfolios loaded showing the portfolio name and the number of share classes associated

*Example Output:*

*> LIST PORTFOLIOS*

*Amber State Capital Appreciation Fund, 4 Share Classes*

*Blue River Qualified Purchaser Fund, 5 Share Classes*

*Alpha Omega Delta Fund, 5 Share Classes*

*Hudson River Fund, 3 Share Classes*

*Macaulay Opportunity Fund, 2 Share Classes*

*….*

1. SHOW SHARE CLASS  Should display a second prompt “*Code?*” asking for the portfolio code and then display all the share classes for that entered portfolio code.

*Example Output:*

*> SHOW SHARE CLASS*

*Code? OPFND*

*Macaulay Opportunity Fund New Issue Eligible eMa 14%*

*Macaulay Opportunity Fund Restricted Class sMa 16%*