1. Problem Description- Product Inventory System:

This program allows a user to find out more information about a certain item such as if it is in stock, the price, and location. The program will first ask the user to to input the name of the product, the price, and the number of items per product. When the user is done inputting the name, price, and a Y/N indicating if it is in stock, then the program will sort the product by alphabetical order with the corresponding price.

2. Functional Description of Major Components:

Input data : name of item, location, Y/N for availability, how many are left.

Product sorting: Alphabetical order or by price from ascending order of lowest to highest

Output data: sorted product or sorted price

3. Task Lists and Assignments of Tasks by Teammates:

Melanie Sou - Input data

Nabir Migadde- Array - Sorting/ Sorting

Shay Hameed - Output data

Dan Blumenschein - Validate functions