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(Note: I was confused with question 2 and 3, if it’s possible can I receive an email clarify what they’re asking for. I believe I may have answered either one of them incorrectly. I believe that question 2 refers to the total sales made each day, while question 3 just refers to how the total revenue from those days were sorted. I just want clarification if my understanding of them is correct)

1. In this assignment we chose to represent the date as its own individual structure. This was done to help simplify our coding. Since, we could then create two other structures that would then call on the date structure, which is on its own, so we could classify the two structures as being dayOne and dayTwo. For example, in the header file main.h, in the structure DailySalesList, we called on the ProductSalesList structure twice, and titled them as dayOne and DayTwo, referring to the eight and ninth day that are on the data.txt. The dayOne and dayTwo structures would have access to whatever information is being stored in ProductSalesLists, which happens to include the Date structure. This allowed us to have two separate instances for where we can store data that will relate to the eight and ninth days, making it simpler for us to separate the data from data.txt. Since we could then sort the dates into those two separate structures.
2. To display the total sales for each date from data.txt, we created two separate data structures. These two structures were created in the structure DailySalesList and were called from the ProductSalesList structure, these two structures are known as dayOne and dayTwo. Both dayOne and dayTwo had access to whatever variables were being kept in the ProductSalesList structure, while also having access to the Date structure, due to it being called inside the ProductSalesList structure. To sort between the sales data for day 8 and day 9, we created a new function called sortRevenue. This function would look to see if the numbers stored in the day variable in the Date structure are equal to 8 or 9. If the day if equal to 8, then the information would go to dayOne, and we would also calculate the revenue made from the item that day and continue until we found the revenue from each item sold that day. If the day was equal to 9, then it would follow the same process that day 8 used, but the information would instead go to dayTwo. The total sales for each date would only be complied when the user selected option 3, which would then call on the function sortRevenue, which would then print out the total revenue made from day 8 and 9.
3. To sort the sales data by revenue made each day, we used the function sortRevenue that we made. Like I said in question two, this function is meant to look to see if the day is equal to 8 or 9 and then find the revenue from the item sold that day. This information would then be printed out to the user in the order of day eight, being first, and day nine, being last. So, there is an algorithm to sort between the individual sales for each day to find the total, but not to see if the total sales of day eight is less than or more than day nine.