

Using a Notepad, a TextPad, or any other text editor, create a text file manually with the following data shown below, without the headings.

Part Number	Initial Amount	Quantity Sold	Minimum Amount
QA310	95	47	50
CM145	320	162	200
MS514	34	20	25
EN212	163	150	160

Write a program that will read the data file created above and create an inventory report. Save the report into another file and called it *inventory.txt*. The report should consist of the part number, the current balance, and the amount needed to bring the inventory to the minimum level. Display the output on the console accordingly with title and headings. The current balance is the initial amount minus the quantity sold. The result should also be stored in a file called *inventoryRequest.txt*.

Below shows a sample output of a running program:

Part	Balance	Amount Needed
QA310	48	2
CM145	158	42
MS514	14	11
EN212	13	147

### Write a Report Summary

Using Microsoft Word, answer the following eight questions.

1. Did you complete your assignment and did it run without errors?
2. Did your program produce the correct result?
3. Did you test your program thoroughly?
4. How much time did you spend completing your assignment?
5. Did you write the program yourself? Did you get any help from anyone?
6. When you encountered obstacles to completing your program, how did you resolve the issues? Did you use Google to get help? Describe how Google was able or not able to assist you?
7. What did you learn from doing this assignment?
8. Any other information you would like to share with your instructor?

### Submission Instructions:

- All source code files.
- Program output and the result file.
- Your learning report summary.