Programming Assignment 1

Write a program to produce the following Inventory Analysis Report. The current date, your 3 initials and the page number should appear in the first header line.

INPUT: Disk file – line sequential (Record length of 60) – PR1F14.TXT

CC FIELD CLASS

1-5 Catalog number AN

6-25 Item description AN

26-30 Unit Purchase Price N 2 dec pl

37-40 Quantity on hand – beginning of week N

41-44 Quantity on order N

45-48 Reorder Point N

49-52 Quantity received during week N

53-56 Quantity sold during week N

57-60 Quantity returned during week N

PROBLEM DESCRIPTION:

The management of Hal’s Auto Parts Warehouse wants a Inventory analysis report for the week that will identify two kinds of items of questionable value to the company: (1) items that have not sold during the week, AND (2) items that have excessive returns during the week (excessive returns is defined as returns of 50 percent or more of sales) (It can be both). For each catalog item, there is a record in the catalog file containing the above information. Items may be both a non-sale for the week and an excessive return for the week.

The report must contain the following information for each item of questionable value:

*catalog number,*

*item description,*

*purchase price,*

*quantity in stock* (on hand + returns+ received – sold),

*stock value* (purchase price \* quantity in stock), and

*the reason for the current status* (no sales or too many returns).

**DO NOT** list catalog items that are selling well i.e. do not meet the previous criteria. The end of the report should specify the total value of only the questionable items.

OUTPUT: Follow Printer Spacing Chart

