**CS370 PROGRAM 2 Fall 2017**

Dr. Cheeb, Inc. is a company that sells health food products and accessories. Every month, details of sales to these customers are gathered together into a Sales File (PR2FA17.TXT). We need a program, which will produce a summary report from this file showing the quantity and value of the product, grouped by product.

Write a program to read the Sales file described below and create a summary report. Print the Sales Summary Report as specified in the print layout. The date on which the report is produced appears on the first line of the report. This date is obtained from the computer system.

**THE SALES FILE**

The Sales File contains details of sales to Dr. Cheeb.  It has been validated and has been sorted in ascending order on Product-Id.  The records in the Sales File have the following description:

Record contains 60 characters.

**FIELDNAME POSITION TYPE LENGTH VALUE**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Customer-ID | 1-5 | 9 | 5 | 0-99999 |
| Customer-Name | 6-30 | X | 25 |  |
| Prod-Id | 31-33 | X | 3 | A01-A10, F01-F10 and V01-V10 |
| Prod-Name | 39-52 | X | 14 |  |
| Qty-Sold | 53-55 | 9 | 3 | 1-999 |
| Cost-Per-Item | 56-60 | 9 | 5 | 2 DEC |

Use If or nested If statements to control the grouping.

Calculations:

Sales Value: Qty Sold \* Cost Per Item

Total Sales Value

Total Qty Sold

Follow Printer Spacing Chart