### cs370 program 4

### FIREFLY, Ltd. is a company that sells costumes, shoes and accessories to costume shops now has grown. Every month, details of FIREFLY’S costume inventory are gathered together into individual Inventory Files (PR4F15-LA.TXT, PR4-F15-CH.TXT, and PR4F15-NY.TXT).

### Firefly CEO – Duncan O’Connor has asked you to write a program that combines the three inventory files and gives a detailed listing of the costume inventory he currently has in three 3 different warehouses that he purchases from different vendors (YOU WILL NEED TO ADD VENDORS TO YOUR VENDOR TABLE). You will need to sort (WAREHOUSE, VENDERID AND COSTUMEID) and merge the three files. Mr. O’Connor also wants the option to be able to print just one warehouse’s info or all warehouses’ info.

### This is a modification of program 3 so you will need to fix any problems you have with program 3 before doing this program.

INPUT: 128-character record on disk (Print in Word using landscape and Courier 8 pt font) for each file.

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| CC | FIELD |  |
| 1-4 | Warehouse ID AN | LA10 |
| 5 | Vender ID AN | (D-DENIO Corp., A-AMEL Ltd, W-WEST Corp) |
| 6-8 | Costume ID AN | C01-C10 |
| 9-128 | Costume Data (maximum of 5) | Costume Name X(13)  Costume Sizing A ( L – Large, M – Medium,  S – Small, P – Plus)  Costume Type A (A – Adult, C – Child)  Number in stock S9(4)  Purchase price S999v99 |
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| --- | --- | --- |
| CC | FIELD |  |
| 1-4 | Warehouse ID AN | CH20 |
| 5 | Vender ID AN | (N-NETON Corp., A-AMEL Ltd, Q-QUASON Corp) |
| 6-8 | Costume ID AN | C01-C10 |
| 9-128 | Costume Data (maximum of 5) | Costume Name X(13)  Costume Sizing A ( L – Large, M – Medium,  S – Small, P – Plus)  Costume Type A (A – Adult, C – Child)  Number in stock S9(4)  Purchase price S999v99 |
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| --- | --- | --- |
| CC | FIELD |  |
| 1-4 | Warehouse ID AN | NY30 |
| 5 | Vender ID AN | (V-VISSON Corp., N-NETON Ltd, W-WEST Corp) |
| 6-8 | Costume ID AN | C01-C10 |
| 9-128 | Costume Data (maximum of 5) | Costume Name X(13)  Costume Sizing A ( L – Large, M – Medium,  S – Small, P – Plus)  Costume Type A (A – Adult, C – Child)  Number in stock S9(4)  Purchase price S999v99 |
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The report is a multi-level control break with arrays and tables.

This program asks for user input and prints the report based on that input.

The Costume Vendor ID is to be expanded via a DIRECT lookup. Hard code the vendor information in working storage in a table. If the Costume Vendor is not found in the table enter INVALID and the invalid ID number in place of the Vendor Name. You will need to add additional vendors to your table.

The Costume Sizing is to be expanded via an EVALUATE statement. If the Costume Size is not found enter BAD and the invalid code in place of the sizing information.

If the Costume Type is not found or is incorrect, enter BAD and the invalid code in place of the info.

The incoming record contains up to five costumes; blanks appear in the extra fields when an incoming record has fewer than five costumes or accessories (validation will be necessary). Determine the total cost spent for each costume, for each warehouse and the grand total.

If a Warehouse ID is invalid, write the entire record out to an error file and do not process it. Keep a count of how many invalid records were written out and display a nice message at the end of the program informing the user of the number of invalid records.