### cs370 program 3 FALL 2022

### Ashral Drakea, CEO, of Rolling Pizza has purchased 2 new trucks. They currently cell Sweet Treats. The file he was given contains both employee and inventory information. He has now asked you to write a detailed report from the digital file he was provided by the previous owners in order to get a better picture of each truck.

### This will be a single level control break on Truck ID. The file is sorted in Ascending Order on Truck ID.

The Treat Information coming in is stored in an array.

INPUT RECORD LAYOUT: 118-character record on disk – PR3F22-Treat.txt

|  |  |  |  |
| --- | --- | --- | --- |
| CC | FIELD |  | NOTES |
| 1 – 4 | Truck ID | AN | MONT - Montgomery, MOBL - Mobile |
| 5 - 9 | Employee ID | AN |  |
| 10 - 11 | Employee Title | A | DR-Driver, SA-Sales |
| 12 – 21 | Employee Last Name | AN |  |
| 22 – 31 | Employee First Name | AN |  |
| 32 – 39 | Hire Date | N |  |
| 41 - 46 | Current Yearly Salary | N | No Decimal – Whole Dollars |
| 47-118 | Treat Data Array (maximum of 3 Array Elements) | AN | Treat Name – 15 characters |
| A | Treat Size - L – Large, M – Medium, S - Small |
| N | Number of in stock 9(4) |
| N | Selling Price 99v99 |

OUTPUT REPORT: Follow the Printer Spacing Chart.

**REQUIREMENTS**

1. Group by Truck ID – use an evaluate statement for the control break.
2. Expand the Truck ID by using a Nested **IF** statement (MONT – Montgomery, MOBL – Mobile)
3. Expand the Treat Size using either an IF or an Evaluate (L- Large, M – Medium, S – Small)
4. When the Treat Size is not one of the valid sizes put ERROR in the Detail Size Field
5. Make sure you validate Number in Stock and Selling Price. When they are not numeric, replace the incoming data and detail line fields with zeroes.
6. Calculate Possible Revenue for each Treat – Multiply the Number in Stock by the Selling Price
7. Calculate Total Possible Revenue for each Truck that should print when the break occurs.
8. Calculate a Grand Total Possible Revenue – adding the total possible revenue for each truck together
9. When processing the treat detail line, only write the name for the first name in the array. Put spaces in the field for subsequent names.
10. Each Truck should start on a new page with a page number in the Report Header
11. The Grand Total Possible Revenue for both trucks should only print on the very last page.