### cs370 program 1 FALL 2022

### Rolling Pizza is a small food truck business that sells pre-made pizzas and pretzels at local events

### You have been asked to write a detailed Inventory Report for their 3 Rolling Pizza Trucks. Your boss wants to know the current inventory of each truck. The food truck information has been stored in a file that is sorted in ascending order based on Truck ID.

INPUT RECORD LAYOUT: 40-character record on disk – PR1F22-Pizza.txt

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| CC | Length | FIELD | DATA TYPE | NOTES |
| 1-5 | 5 | Truck ID | AN | P100A, P200G, P300H |
| 6-9 | 4 | Employee ID | AN |  |
| 10-29 | 20 | Employee Name | AN |  |
| 30-31 | 2 | Item ID | A | (CH – Cheese Pizza, PP - Pepperoni Pizza, SA - Sausage Pizza, SU - Supreme Pizza, PR - Pretzel) |
| 32-34 | 3 | Number in Stock | N |  |
| 35-37 | 3 | Item Purchase Price | N | No decimal – whole dollars |
| 38-40 | 3 | Item Selling Price | N | No decimal – whole dollars |

OUTPUT REPORT: Follow the Printer Spacing Chart on next page.

Scatter chart

Description automatically generated with medium confidence

*Report title 1 – Date in YYYY/MM/DD format, ROLLING PIZZA, YOUR INITIALS*

*Report title 2 – INVENTORY REPORT*

*Report title 3 – TRUCK, EMPLOYEE, ITEM, NUM IN, PURCHASE, SELLING*

*Report title 4 – ID, ID, ID, STOCK, PRICE, PRICE*

*Detail Line – fields for the information coming in from the input file (code once, reuse multiple times)*

*Hint1: To do the horizontal spacing count the squares and you will know how to code the line spacing across the page.*

*Hint2: Data Types X – Alphanumeric, 9 – Numeric, A – Alphabetic*

*Hint3: Count the X’s, 9’s and A’s to know the length of the field you need.*

*Hint4: The vertical line spacing between the lines is handled by how we send the information to the report file that we will create. DO NOT create a blank line for line spacing. You will be tempted to do this, but I will count off points.*