



User Guide

By FARMER

Emmanuel Ojo, Stefan Stojic, Osama Hameed



farmer



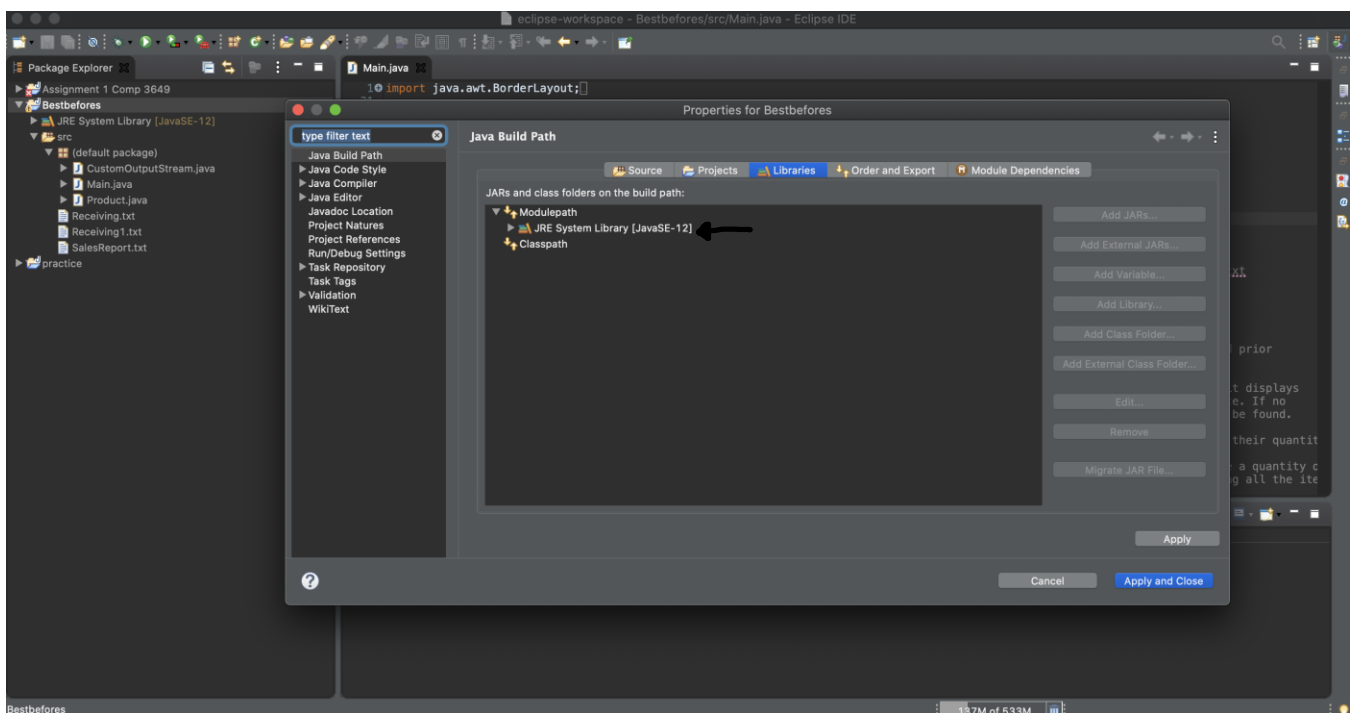
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Java application – Run

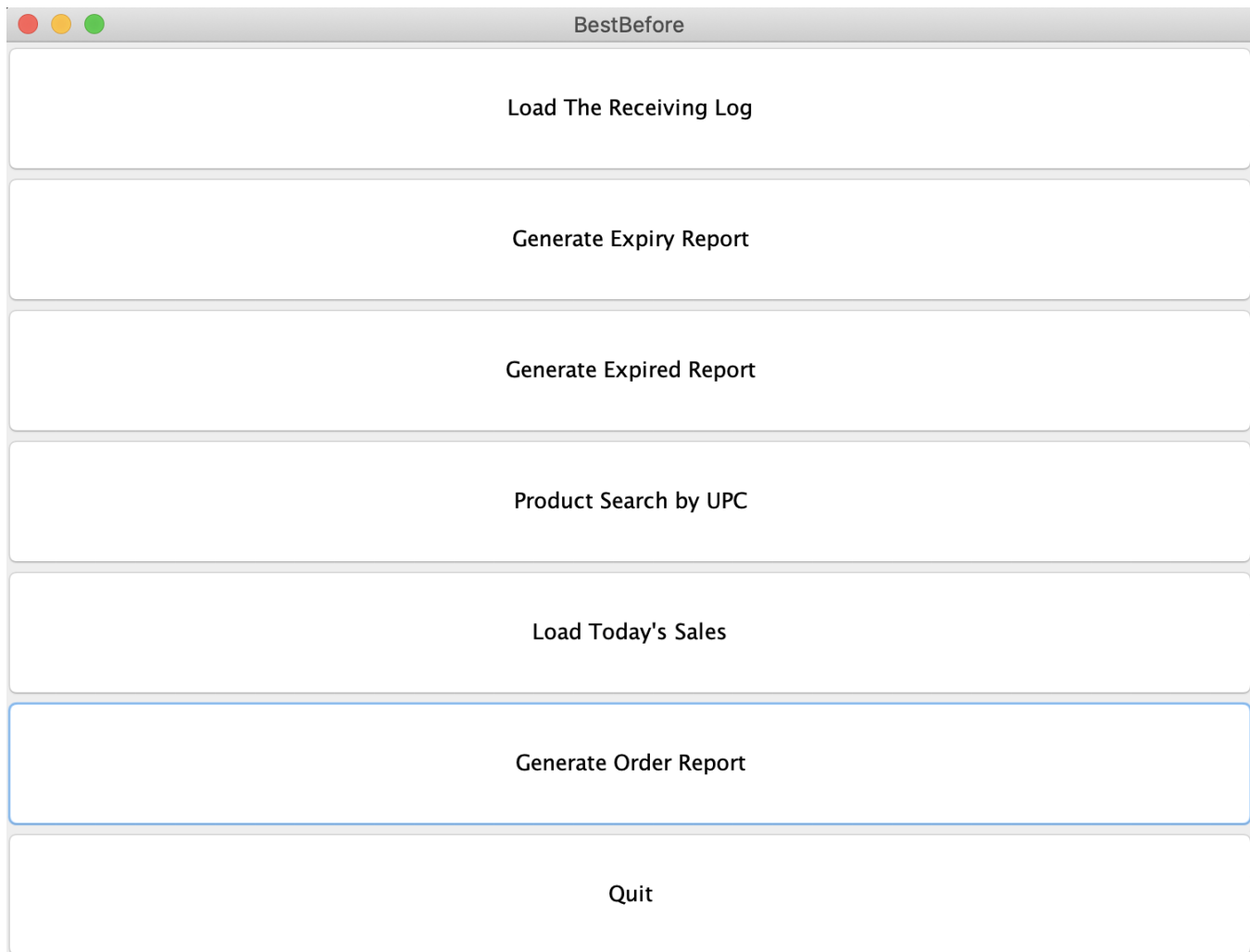
- Super simply to set up.
 - Download project from Google Drive
 - Import the project to Eclipse
 - Make sure your JRE 12 or above to support Java Swing User Interface
 - Example of your build path could be like the one below
 - Now right click Main.java. Scroll all the way down to “Run as” And select “Java application”





Java application – Main menu

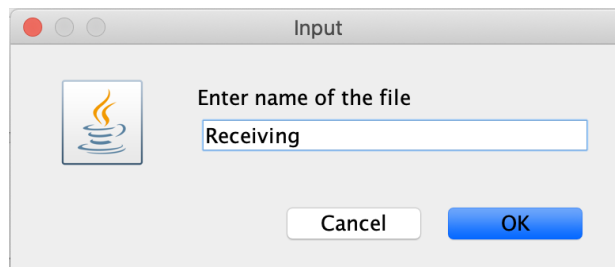
- After you have run the application, you will be presented with a neat yet simple menu with 7 unique options.
- Works on Windows and Mac



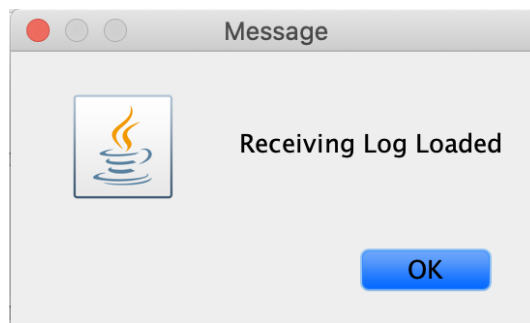


Java application – Load the receiving log

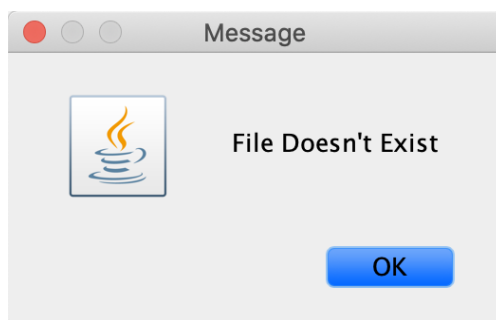
- After you click “Load the receiving log”
 - You will be present with a small window asking the user to input the receiving file name.



- If the user input is correct, the receiving log will be loaded, and you will be presented with a success message.



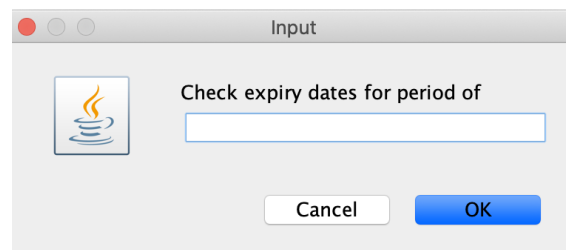
- If the user input is incorrect, the receiving log will not be loaded, and the user will be presented with a failure message.



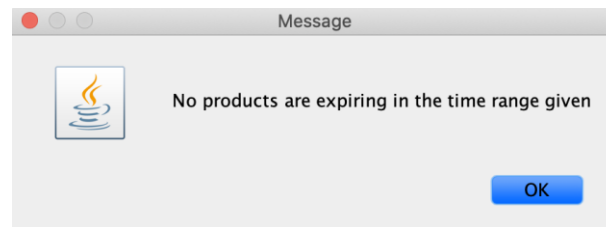


Java application – Generate Expiry Report

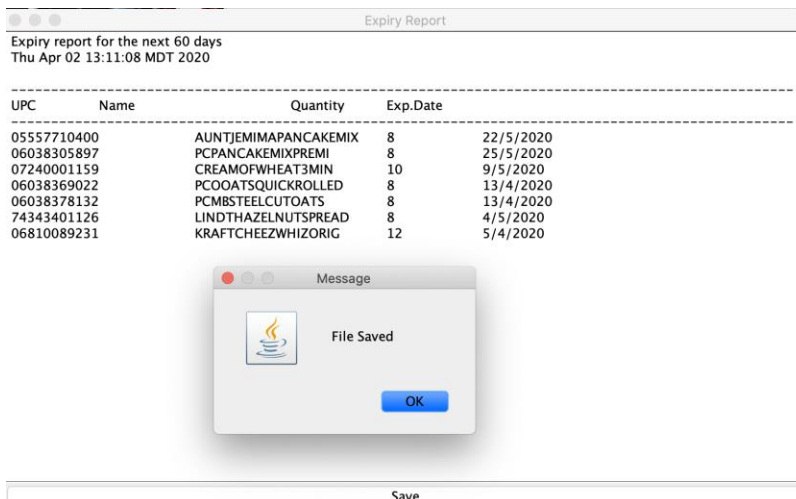
- Generates an expiry report containing all of the products that will be expiring within a given time frame (days/integers) from the current date, which is specified by the user. It Generates a .txt file called "expiryReport" that contains the UPC number, Product name, Quantity, and Expiry date for every product that will expire within that specific time frame.



- If user enters wrong input such as 0, they are presented with a error message



- If the input is correct, they are presented with a new screen with the report.

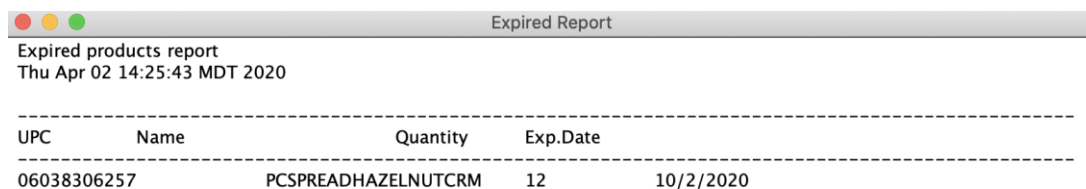


- You can save the file as well and it will go to your project directory.



Java application – Generate Expired Report

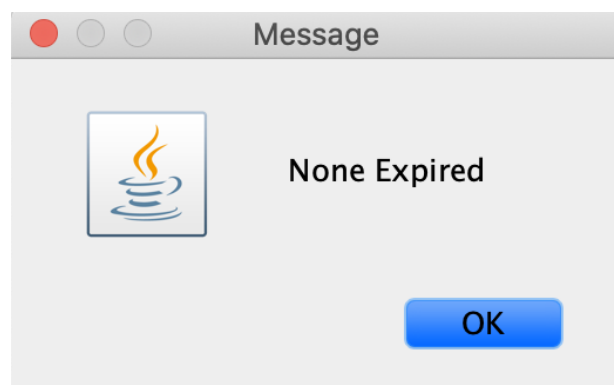
- Generates an expiry report containing all of the products that have already expired prior to the current date. It generates a .txt file called "expiredReport" that contains the UPC number, Product name, Quantity, and Expiry date for every product that has already expired prior to the current date.



UPC	Name	Quantity	Exp.Date
06038306257	PCSPREADHAZELNUTCRM	12	10/2/2020

Save

- If there are no product that have expired already, the user will be presented with an error message





Java application – Product Search by UPC

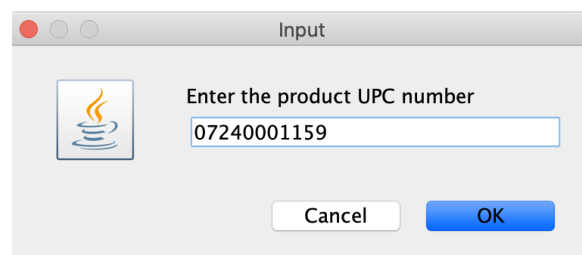
- Searches the entire database for a product that has a specific UPC number. If a product is found it displays the information about the product including the UPC number, Product name, Quantity, and Expiry date.
 - We will search for this product using only the UPC:

07240001159

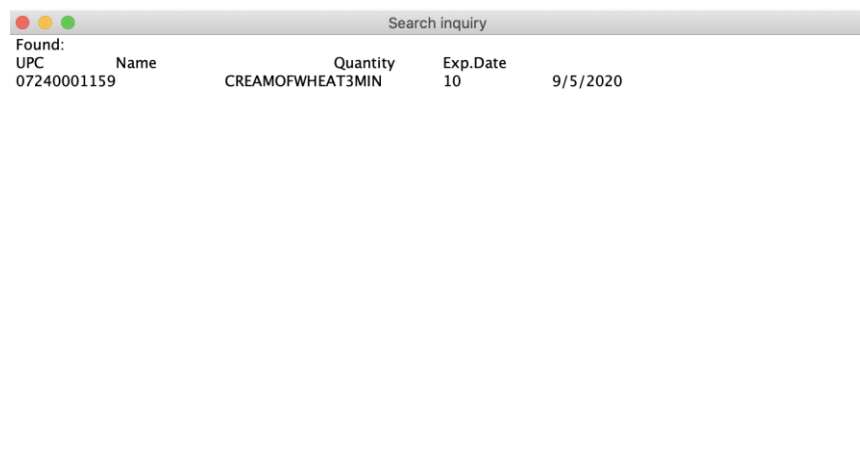
CREAMOFWHEAT3MIN

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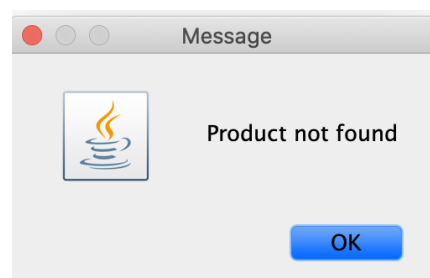
09/05/2020



- Since this is a valid UPC, the user will be presented with the product information.



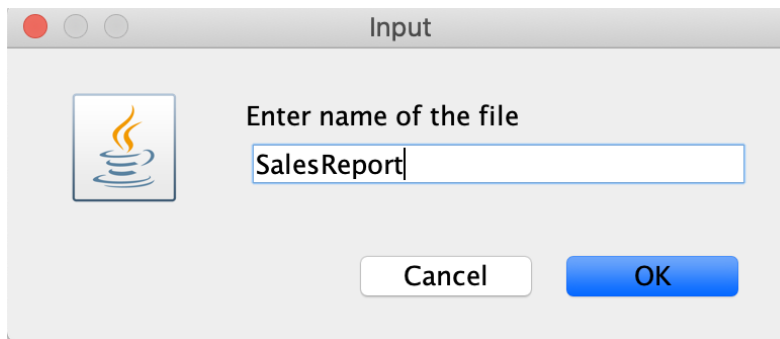
- If nothing is found, an error message will show, displaying a product with that UPC number could not be found.



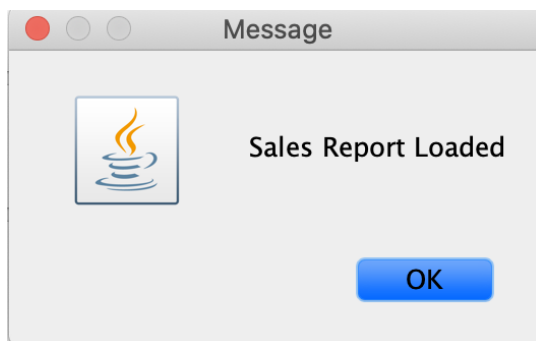


Java application – Load Today's Sales

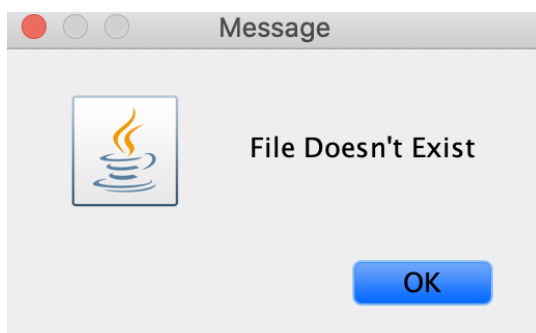
- Loads a simulated SalesReport .txt file to simulate the process of items being sold by decreasing their quantities.



- If valid file name, the sales file will be loaded, and the quantity will be decreased.



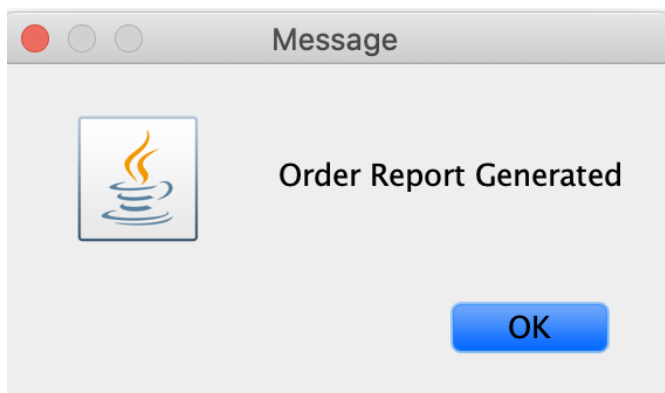
- If invalid file name, then user is presented with error message.



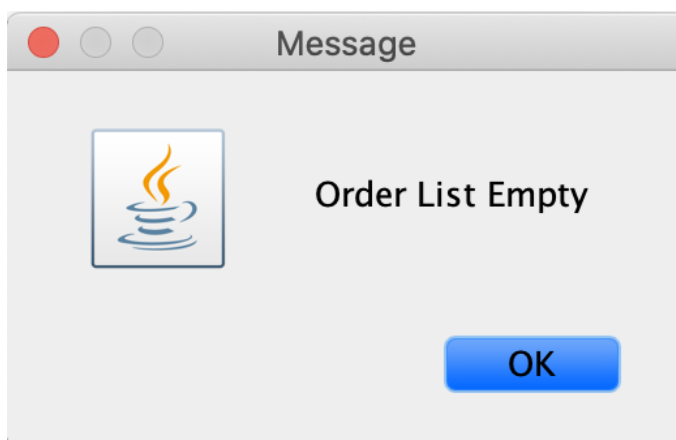


Java application – Generate Order Report

- Generates a simulated order report containing all of the products that have been sold and now have a quantity of 0. This is to emphasize how the database will be maintained and constantly restocked, by re-purchasing all the items that have a quantity of 0.
- Once the user is successful, they are presented with a success screen.



- If the order list is empty, the user is given an error message





Java application – How to quit

- Nice and simple
 - All way at the bottom is says “Quit”
 - Once clicked the application will close.

Quit