

Pre-Interview Task

Receipt Scanner



Business Case

A supermarket approached MCA with an idea to build a software application which will retrieve a receipt and its details. They would like to use this application for reporting purposes. Namely, they are interested in the number of domestic vs. imported products that are purchased by the customers. They already have a server which returns the receipt contents with their details. They would now like an application that can process the details and produce reports.

Scope

For brevity, create a console/terminal application in any Object Oriented Programming language: C#, Java, C++, TypeScript, Javascript (minimum ES6), etc. Create an application that will retrieve the details of the receipt and print the products grouped by origin (domestic and imported). The products need to be sorted alphabetically within the group.

Then, print the total cost of domestic and imported products.

Finally, print the total number of purchased products per group.

Your application needs to retrieve the receipt details from the following [LINK](#).

Acceptance Criteria

- Receipt details are get from the provided link
- Products and totals are printed as in the example output provided
- The description is truncated if longer than 30 characters
- If weight is not available, print N/A instead
- Items are sorted alphabetically within the group

Good Luck !!!

Example Output

```
. Domestic
... Apple
    Price: $14,5
    Apple tree...
    Weight: N/A
... Tomato
    Price: $30,5
    The species...
    Weight: 150g
. Imported
... Banana
    Price: $22,0
    A banana i...
    Weight: N/A
Domestic cost: $45,0
Imported cost: $22,0
Domestic count: 2
Imported count: 1
```