

CSV File Kata – Requirement 4

Rules

1. Strictly practice TDD: Red, Green, and Refactor.
2. Use SOLID principles.
3. Use provided interfaces and classes.

Implement the following:

The Sales team has come to you and asked that the CSV generator is amended to remove duplicate entries from the files created for import as it is causing havoc with their CRM system. A duplicate is defined as the record having the same Name.

Hints

This is the 3rd time you've had to modify the same section of your code because of a new requirement, consider generalizing now if you haven't already.

Specifically look to:

- Extract responsibilities into their own class
 - This is the S in SOLID
 - Single Responsibility
- Extract interfaces for your public method
 - This is the I in SOLID
 - Interface Segregation
- Ensure your interfaces are as granular as possible
 - This is the L in SOLID
 - Liskov substitution
- Inject the functionality extracted into the CSV writer class via the constructor
 - This is the D in SOLID
 - Dependency Inversion