

CSV File Kata – Requirement 4

Rules

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

Given the following:

```
public interface IFileSystem
{
    void WriteLine(string fileName, string line);
}

public class Customer
{
    public string Name { get; set; }
    public string ContactNumber { get; set; }
}
```

Implement the following:

The Sales team has come to you and asked that the CSV generator be amended to remove duplicate entries across all the files created for import as it is causing havoc with their CRM system.

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 interfaces for your public method
 - This is the I in SOLID
 - Interface Segregation
- Extract responsibilities into their own class
 - This is the S in SOLID
 - Single Responsibility
- Inject the functionality extracted into the CSV writer class via the constructor.
 - This is the D in SOLID
 - Dependency Inversion