

CSV File Kata – Requirement 2

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 system admin team is using your CSV generator but are having issues with importing a large single CSV file. The nightly job is hanging and someone needs to get up at 2 am to restart it. To assist in resolving this issue they have requested that the CSV generator be amended to write out CSV files in batches of 10. E.g. if the array of customer contains 12, then two files would be written. The first with 10 lines and the second with 2.

Hints

When amending your code to allow for batching pay close attention to the open/close principle. Avoid using default arguments in methods and think how to best to extend your current class.