

# Programming Exercise

## Requirements

Write .NET console app that;

- Takes as a parameter a string that represents a text file containing a list of names.
- Orders the names by last name followed by first name.
- Creates a new text file called <input-file-name>-sorted.txt with the list of sorted names.

For example, if the input file contains:

```
BAKER, THEODORE  
SMITH, ANDREW  
KENT, MADISON  
SMITH, FREDRICK
```

Then the output file would be:

```
BAKER, THEODORE  
KENT, MADISON  
SMITH, ANDREW  
SMITH, FREDRICK
```

Example of console execution:

```
sort-names c:\names.txt  
BAKER, THEODORE  
KENT, MADISON  
SMITH, ANDREW  
SMITH, FREDRICK  
Finished: created names-sorted.txt
```

## Assessment

- Your solution should meet the above requirements.
- Unit tests should exist.
- The solution should be in github (public repository).
- Bonus points if tests are run automatically on checkin via a CI service like <http://www.appveyor.com/>