Prepare:

1. Find potential code issues in attached **Homework.cs** and explain the reason behind it.
2. Finish the app (**hw-template** folder) to allow:
   1. Work with documents of filesystem, cloud storage or HTTP (HTML read-only).
   2. Be capable of reading different formats (i.e. XML, JSON)
   3. Be able to save to other formats (XML, JSON, JSON with camel-case properties)
   4. Build the app in the way to be able to test classes without dependencies
   5. Be able to add new formats and saving options in the future

Tests should be written for the part of code, where it’s logically necessary. No need for 100% coverage.

Implementation of cloud storage part could be just some mock.

Please send compliable version of VS project with all functionalities in Zip.

**Feel free to change any part of provided code or write the application from scratch.**