# BigHand coding assessment

Write an application in C# using WPF that can be used to compare the contents of two directories on a computer.

* The application should list files that occur in both locations
* The application should also list files that occur in only one or the other directories.
* It should list files that occur in both locations but differ. The application should have an extensible mechanism to define handling for the contents comparison based on the file extension
  + By default, files should be compared based on their contents
  + If a TXT file is encountered it should compare the contents in a case insensitive manner
  + If a cs file is encountered lines commented out with // should be ignored
* If a ZIP file is encountered its contents should be extracted and compared using the rules based on the file types
* If possible, multi-threading should be used to improve the performance

You will be assessed on

* Usability
* Clarity and structure of code