Antura programming test – My solution

I have now finally come up with a solution!

The solution code is done in Visual Studio 2022, Community Edition.

Because of my several others programming tests in parallel with this one, it has taken much time to send it in to you. I apologize for that!

Information to the user of the program:

The file, a user wants to count how many times its filename (minus the file extension) occurs in the file's contents, must be placed in this folder: **c:/anturafilefolder**

When the user **first time** running the program, it will first check if there is a current existing **c:/anturafilefolder.** If it's not existed before, **this folder is being created**. The next step is moving to that folder to help users applying a file.

Second time a user running the program, a check if the folder **C:/anturafilefolder** exist.
After these check, the user can applying a file.

Following checks are done before counting the occurrences of the string "filename" occurs in the file's content:

- the given file directory is **c:/anturafilefolder**
- the given file exists in the **c:/anturafilefolder**

Following is assumed in my solution:

- the given file is a text-file.
- If the user applying with more than one argument (after a space between a file), its handled like wrong file was applied.

I want to use **XUnit** test framework to write unit tests for testing:

- If a file exists
- If there is a C:/anturafilefolder
- To testing the method
  `CountOccurrences(string fileContents, string stringToSearch)`
  working properly