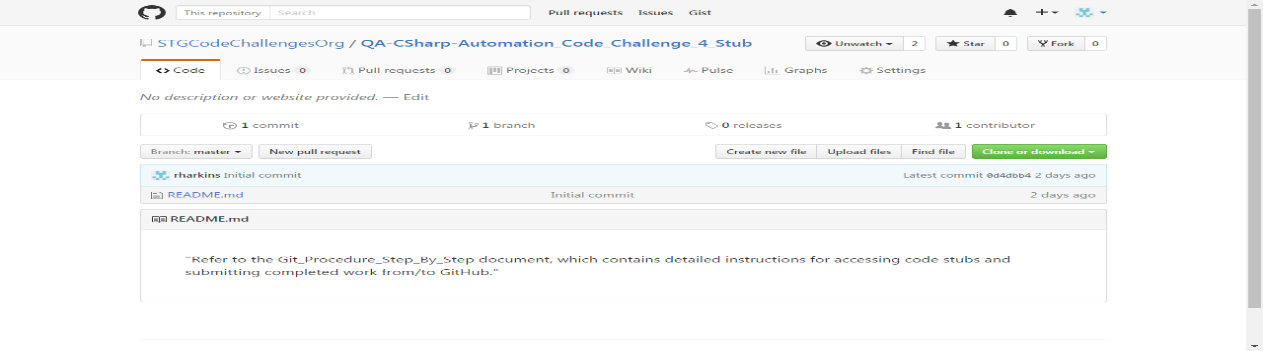
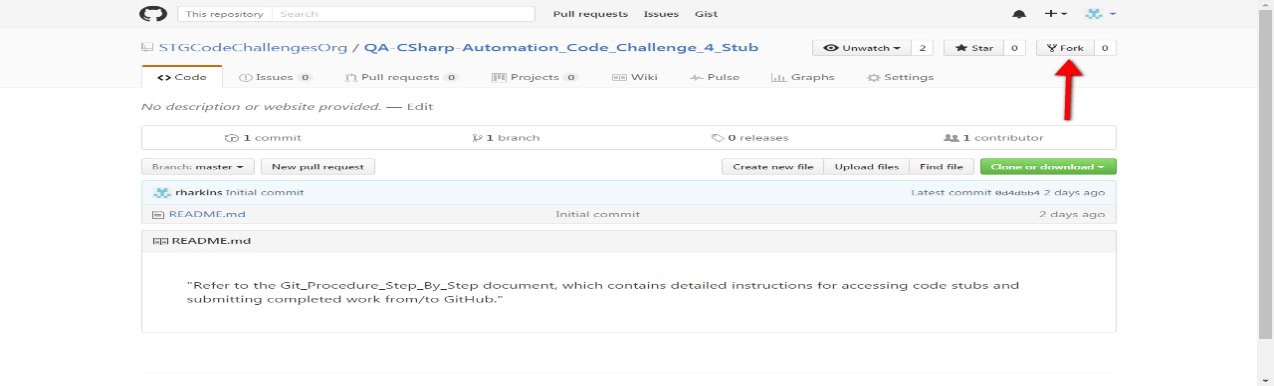
**Git Procedure – Code Challenges**

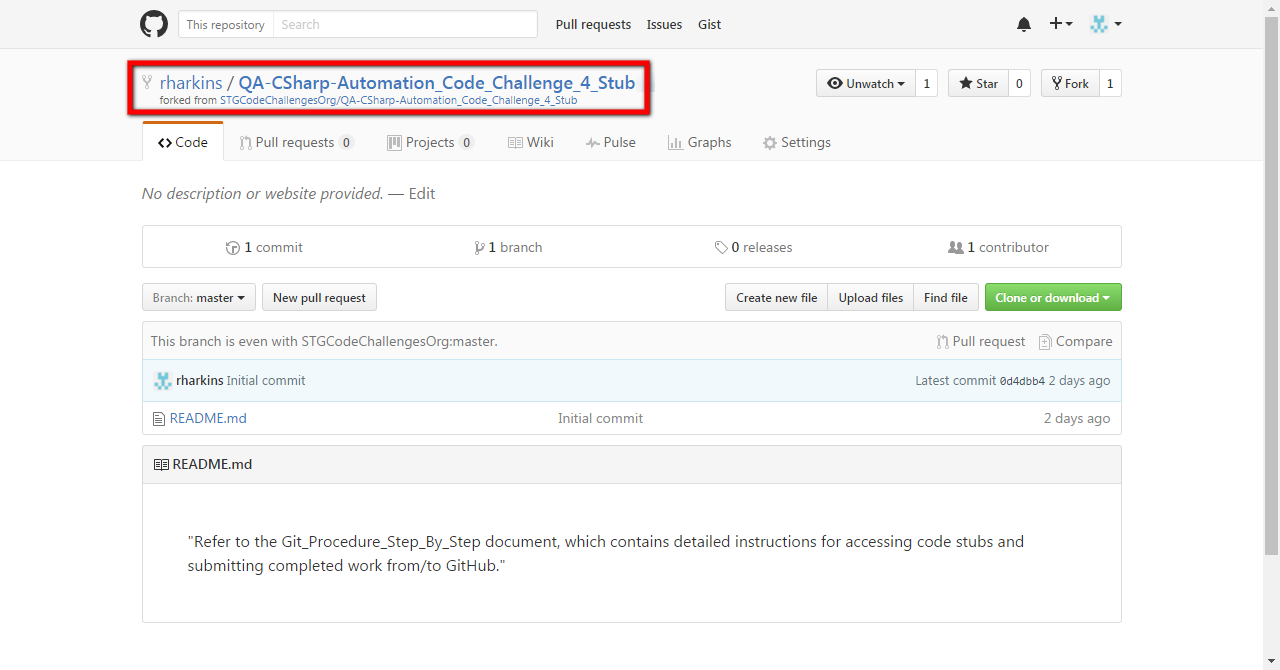
1. Go to the STGCodeChallengesOrg QA-CSharp-Automation\_Code\_Challenge\_4\_Stub GitHub repository - <https://github.com/STGCodeChallengesOrg/QA-CSharp-Automation_Code_Challenge_4_Stub>

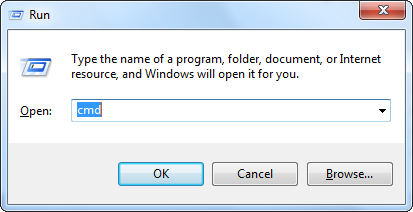


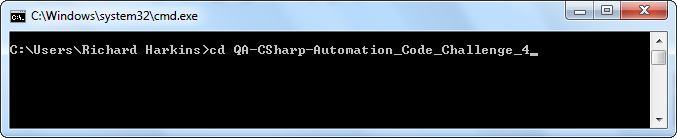
1. Click the Fork button – this creates a clone of the project on the remote server with you as the owner



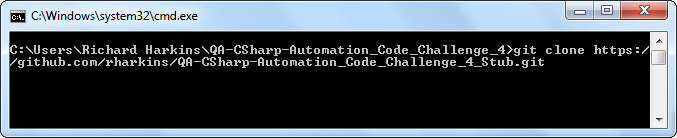
1. Note that a new repository has been created under your personal GitHub account with a reference to the forked from repository



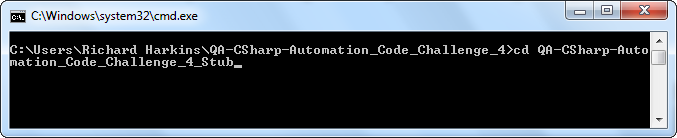
1. Start a terminal window by pressing the Window key and the R key on the keyboard. This will bring up the Run dialog box. Enter cmd and press the Enter key.
2. Change directory to the location of your local working directory – e.g. cd <local working directory path>



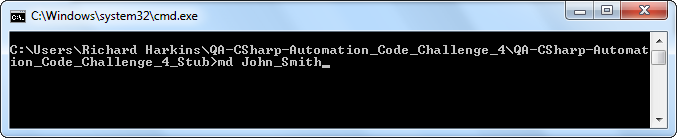
1. Clone the remote git repository to your local working directory – e.g. git clone <URL to remote git repository>



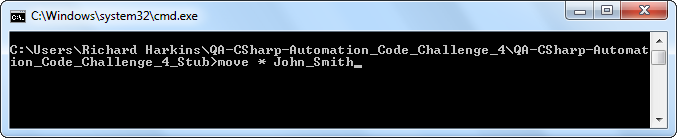
1. Change directory to the stub directory that was just cloned – e.g. cd QA-CSharp-Automation\_Code\_Challenge\_4\_Stub



1. Create a directory under the QA-CSharp-Automation\_Code\_Challenge\_4\_Stub directory named your Firstname and Lastname – e.g. md John\_Smith



1. Move the files from your local working directory into the directory you just created – e.g. move \* John\_Smith

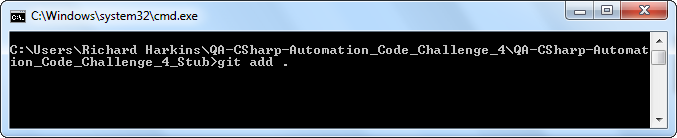


1. Using your IDE of choice, code your solution starting from the QA-CSharp-Automation\_Code\_Challenge\_4\_Stub directory

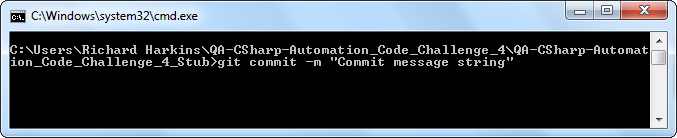
The following table contains links for setup and configuration of git in several CSharp IDEs:

|  |  |  |
| --- | --- | --- |
| Language | IDE | Tutorial Website |
|  |  |  |
| CSharp | Visual Studio | <https://www.visualstudio.com/en-us/docs/git/gitquickstart> |
| CSharp | MonoDevelop | <http://yasar.senturk.name.tr/blog/2014/03/29/how-to-use-github-with-monodevelopxamarin-studio/> |

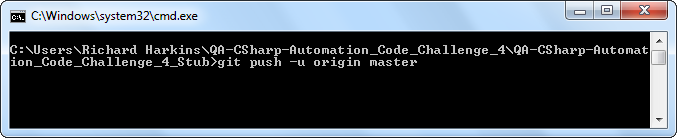
1. When you have finished coding your solution, add your FirstName\_LastName directory to include in your commit (snapshot) to your local git repository – e.g. git add .



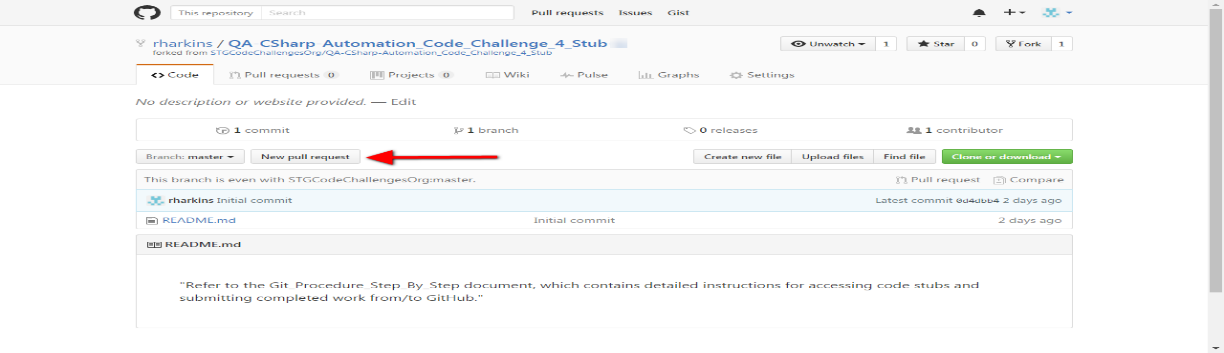
1. Commit added files/directories to local git repository, including a commit message (-m parameter) – e.g. git commit –m "commit message goes here"



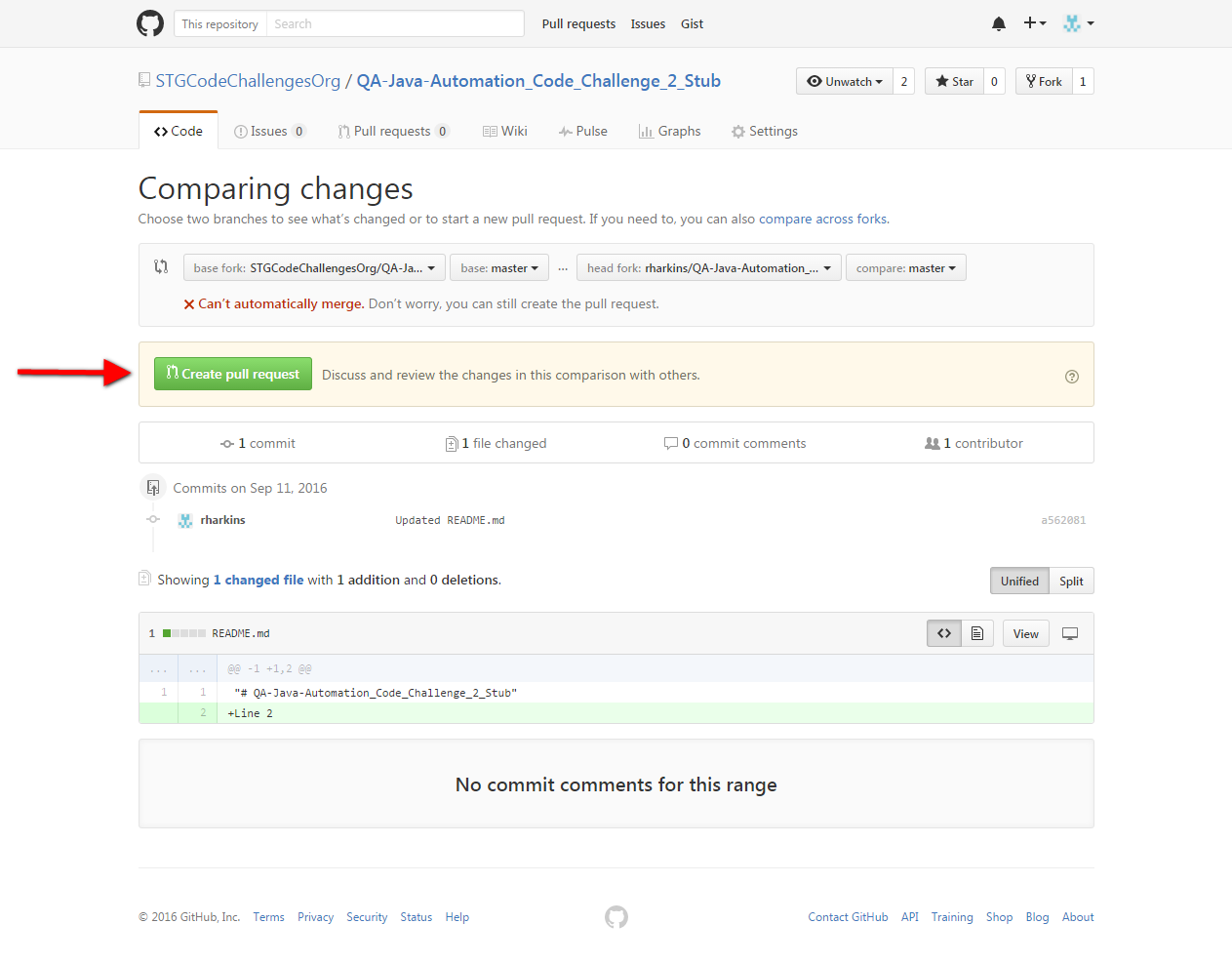
1. Push your files – e.g. push –u origin master



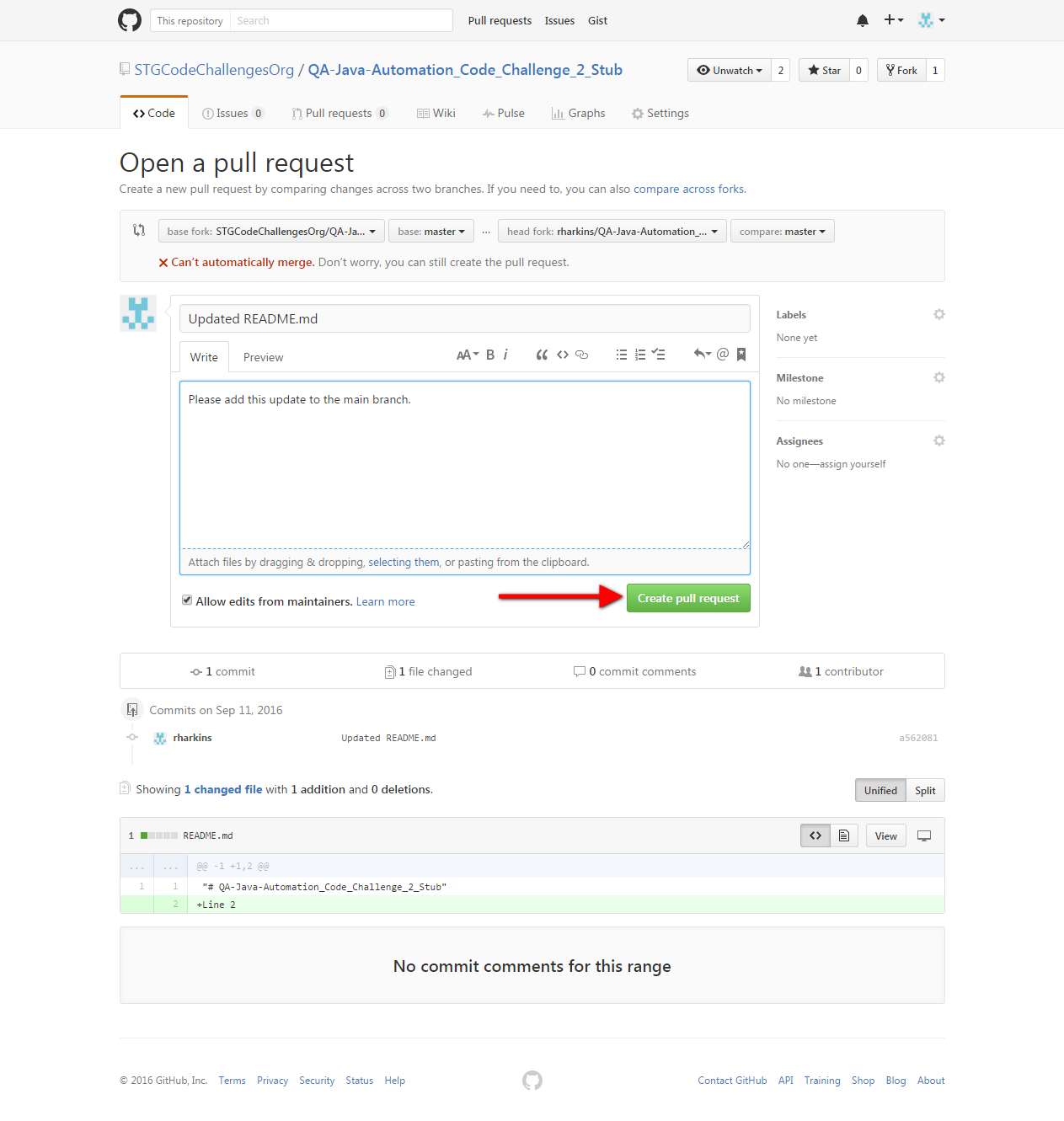
1. Click the New Pull Request button on GitHub to start the creation of a Pull request



1. Click the Create pull request button on GitHub to send a pull request to the project owner



1. Add text to the pull request message and click on the Create pull request button



1. The new pull request is now created and is pending approval from the remote repository owner. You can check the status of your pull request by clicking on the Pull Request tab on the remote repository’s page:

