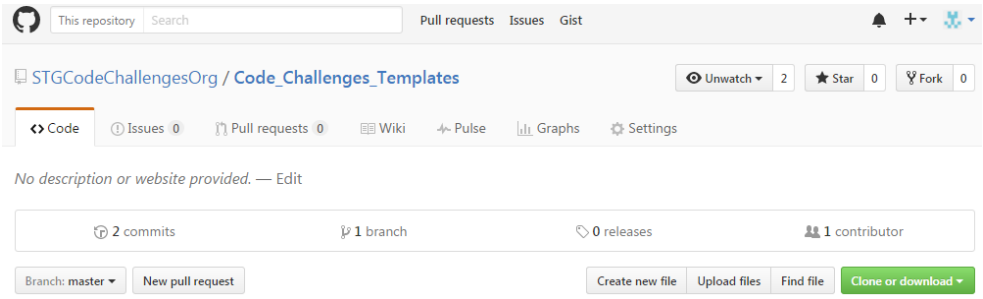
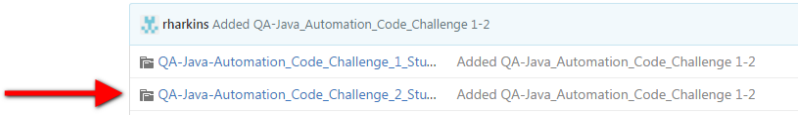
Git Procedure – Code Challenges

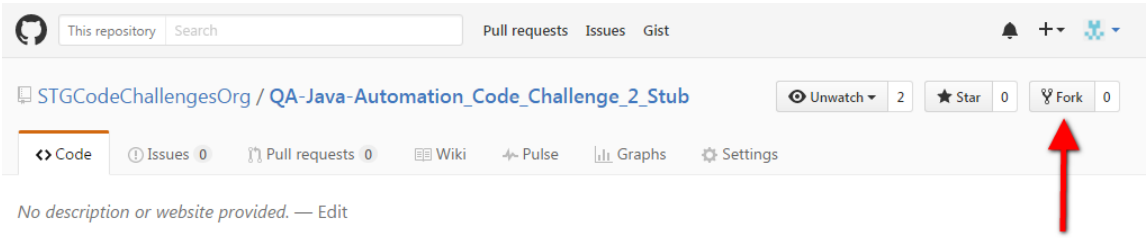
1. Go to the STGCodeChallengesOrg Code_Challenges_Templates GitHub repository - https://github.com/STGCodeChallengesOrg/Code_Challenges_Templates



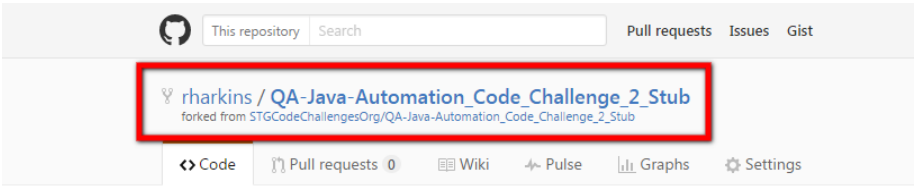
2. Click the QA-Java-Autumation_Code_Challenges_2_Stub link



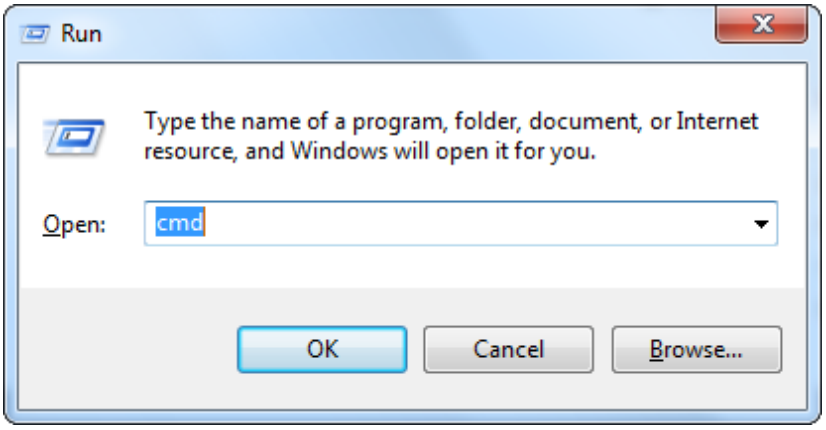
3. Click the Fork button – this creates a clone of the project on the remote server with you as the owner



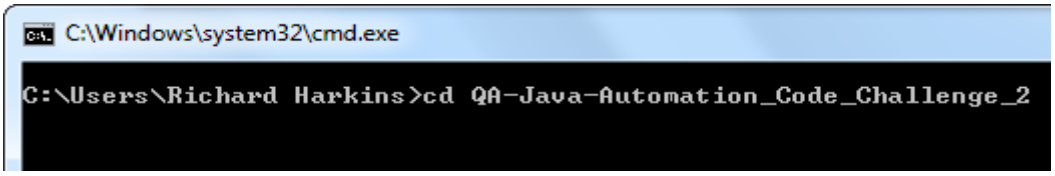
4. Note that a new repository has been created under your personal GitHub account with a reference to the forked from repository



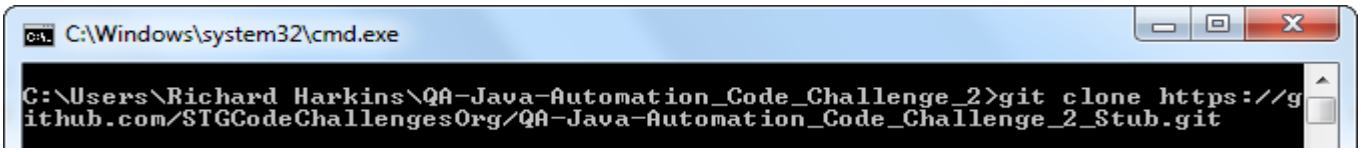
5. Start a terminal window by pressing the Window key and the R key on the keyboard. This will bring up the Run dialog box. Enter cmd and press the Enter key on the keyboard.



6. Change directory to the location of your local working directory – e.g. cd <local working directory path>



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

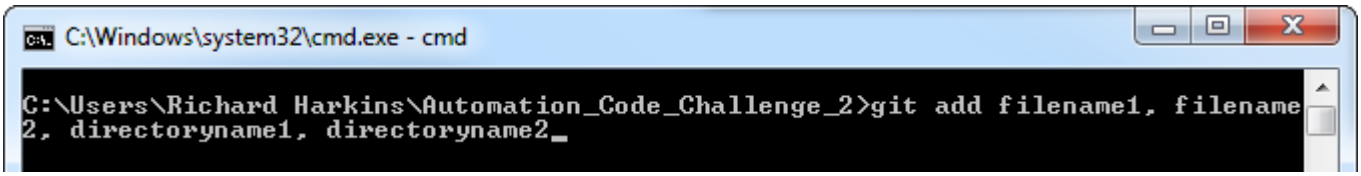


8. Using your IDE of choice, code your solution starting from the code stub which is now in your local working directory

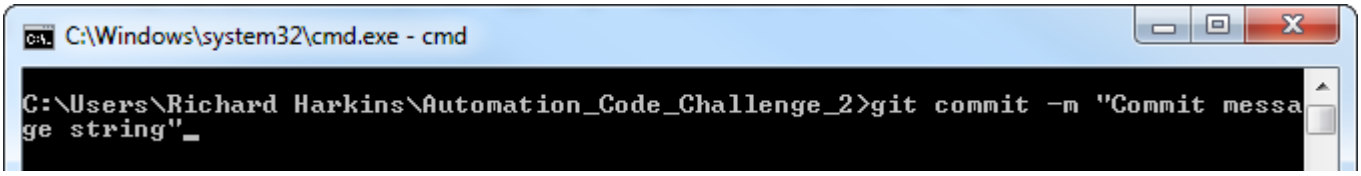
   The following table contains links for setup and configuration of git in several Java IDEs:

Language	IDE	Tutorial Website
Java	IntelliJ	https://www.jetbrains.com/help/idea/2016.2/using-git-integration.html
Java	Eclipse	https://maxrohde.com/2012/05/25/eclipse-and-github-tutorial/
Java	NetBeans IDE	https://netbeans.org/kb/docs/ide/git.html

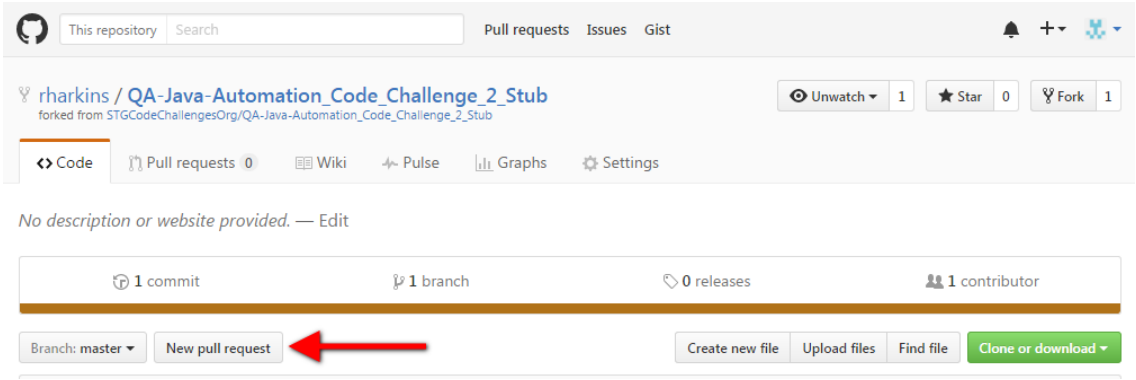
9. When you have finished coding your solution, add the files you want to include in your commit (snapshot) to your local git repository – e.g. git add <file names or directory names separated by commas>



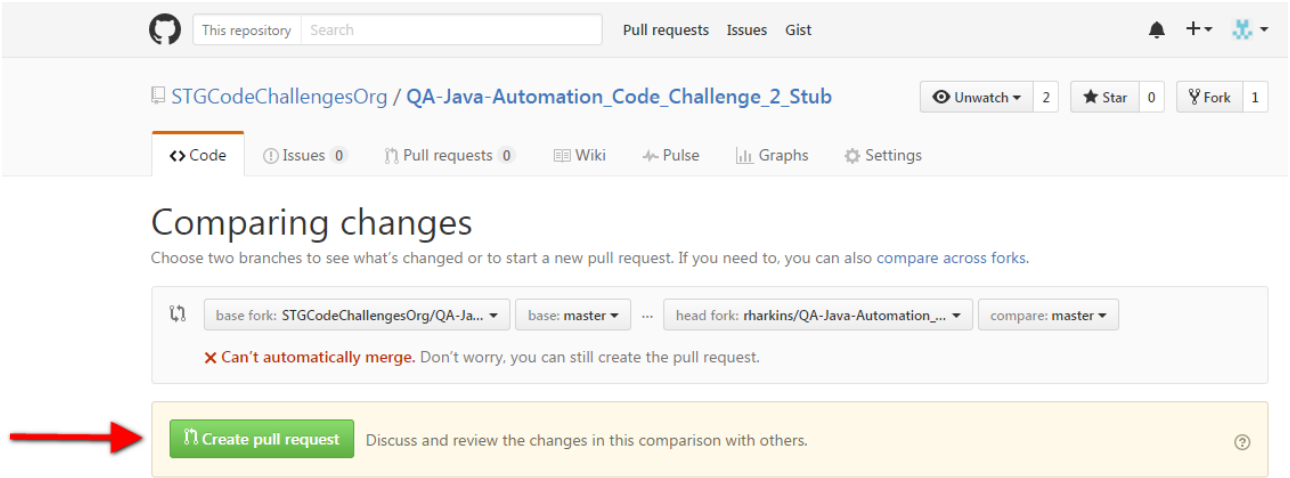
10. Commit added files/directories to local git repository, including a commit message (-m parameter) – e.g. git commit –m "commit message goes here"



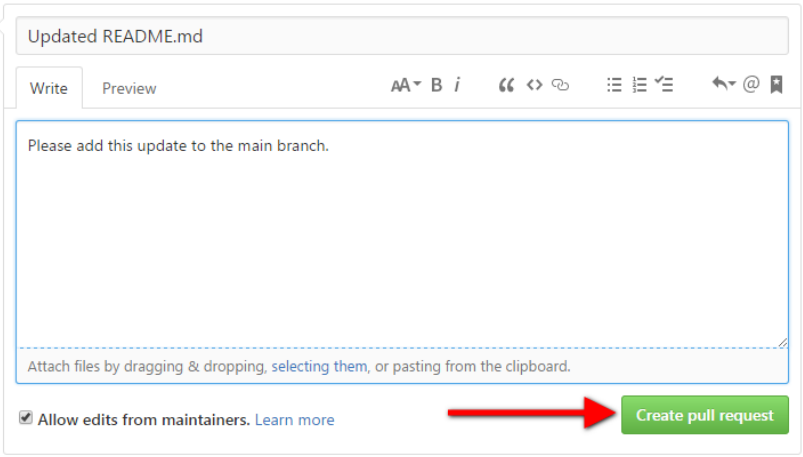
11. Click the New Pull Request button on GitHub to start the creation of a Pull request



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



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



14. 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: