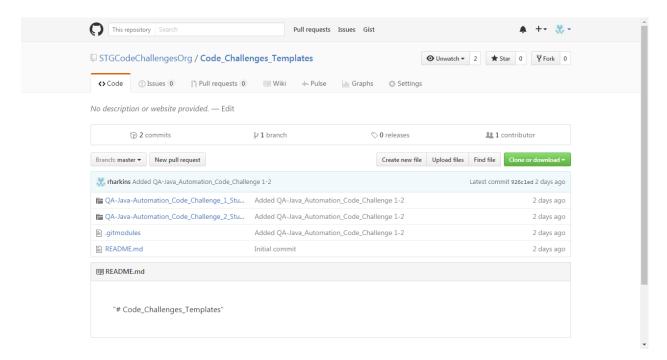
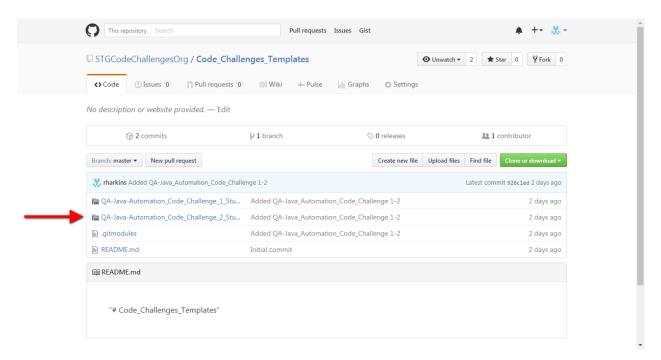
# Git Procedure - Code Challenges

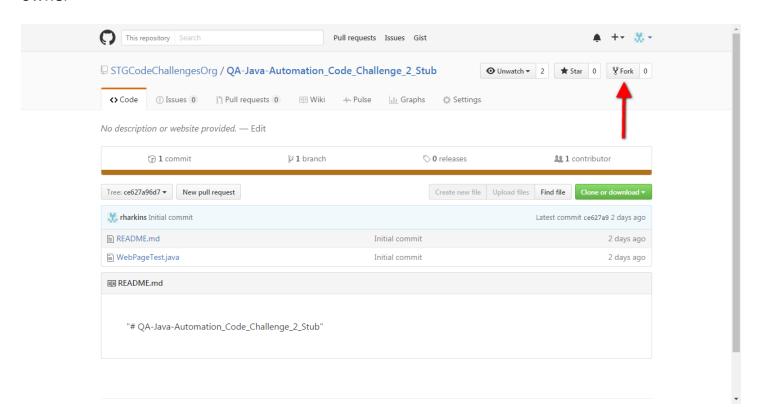
Go to the STGCodeChallengesOrg Code\_Challenges\_Templates GitHub repository - <a href="https://github.com/STGCodeChallengesOrg/Code">https://github.com/STGCodeChallengesOrg/Code</a> Challenges Templates



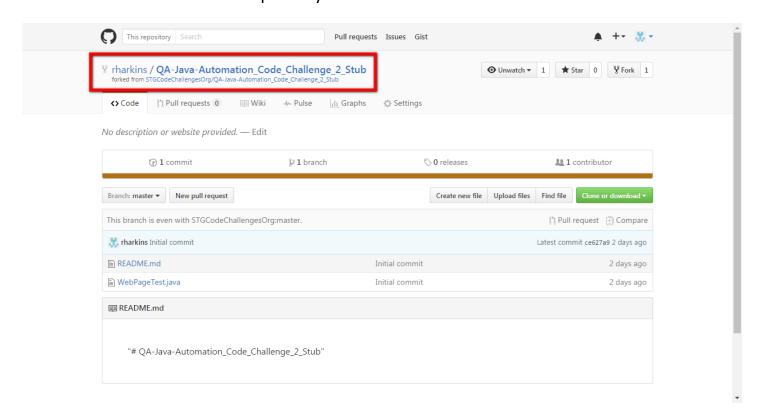
## Click the QA-Java-Autumation\_Code\_Challenges\_2\_Stub link



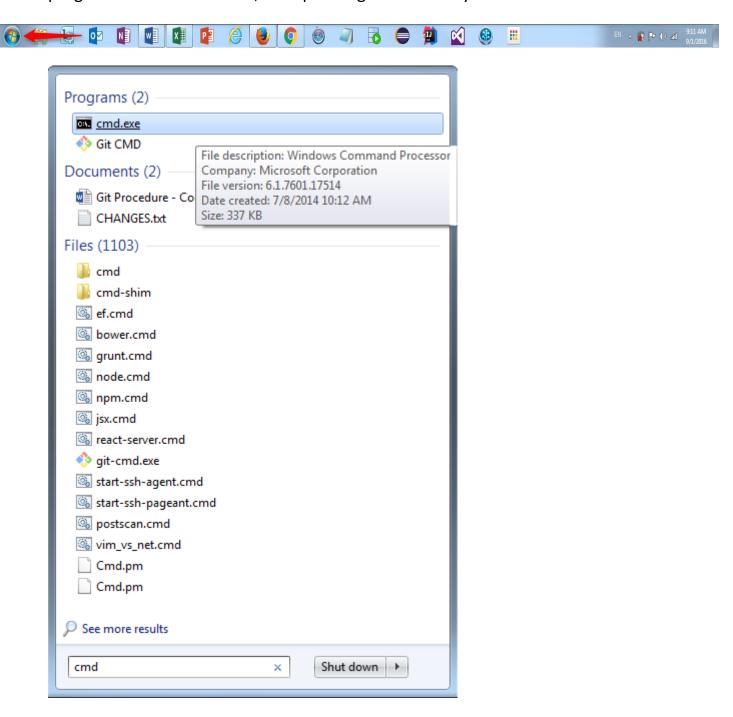
Click the Fork button – this creates a clone of the project on the remote server with you as the owner



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



• Start a terminal window by pressing the start button and entering cmd in the Search programs and files text box, then pressing the Enter key



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

```
C:\Windows\system32\cmd.exe

C:\Users\Richard Harkins>cd QA-Java-Automation_Code_Challenge_2
```

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

```
C:\Windows\system32\cmd.exe

C:\Users\Richard Harkins\QA-Java-Automation_Code_Challenge_2>git clone https://github.com/STGCodeChallengesOrg/QA-Java-Automation_Code_Challenge_2_Stub.git
```

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

 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>

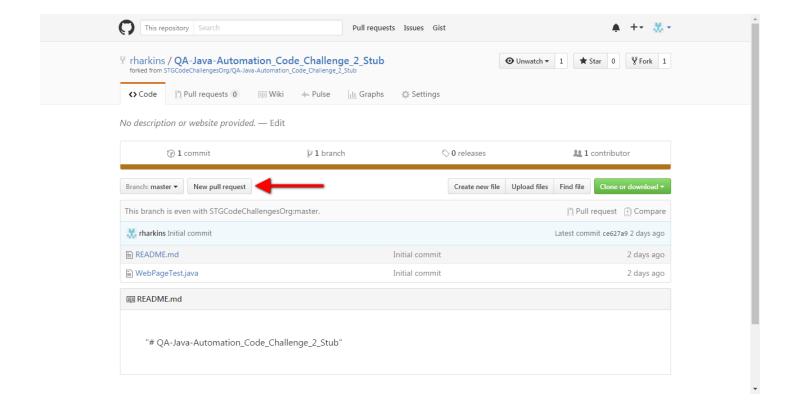
```
C:\Users\Richard Harkins\Automation_Code_Challenge_2\git add filename1, filename2, directoryname1, directoryname2_
```

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

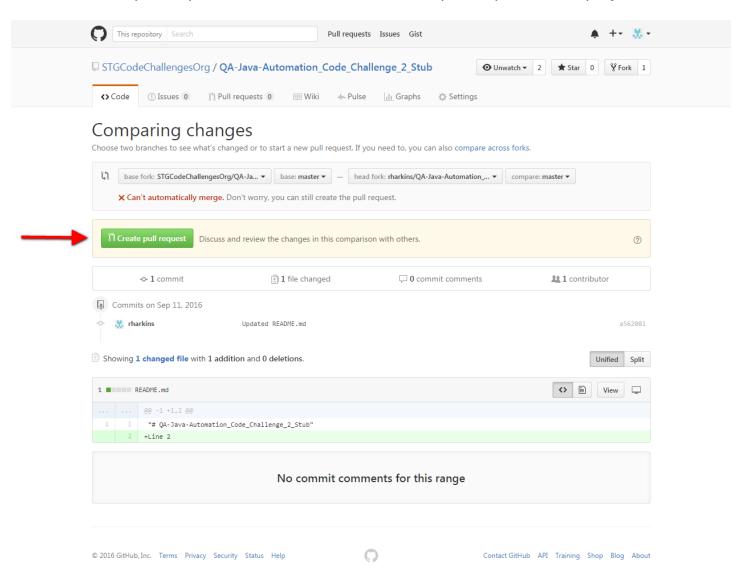
```
C:\Windows\system32\cmd.exe - cmd

C:\Users\Richard Harkins\Automation_Code_Challenge_2>git commit -m "Commit message string"_
```

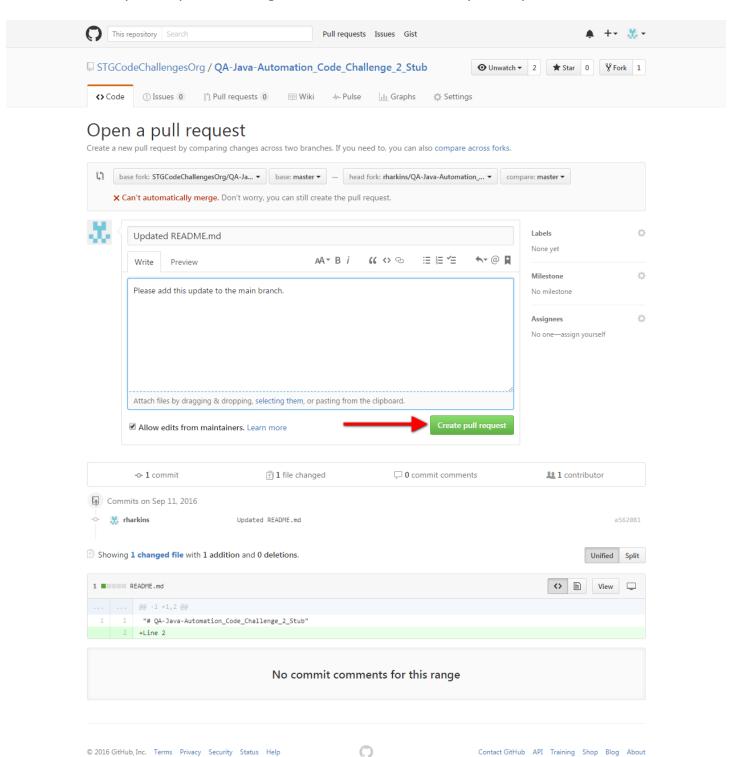
## Click the New Pull Request button on GitHub to start the creation of a Pull request



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



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



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:

