

Lab 02: Add Eclipse Project to GitHub

Step 1: Create a repository in GitHub

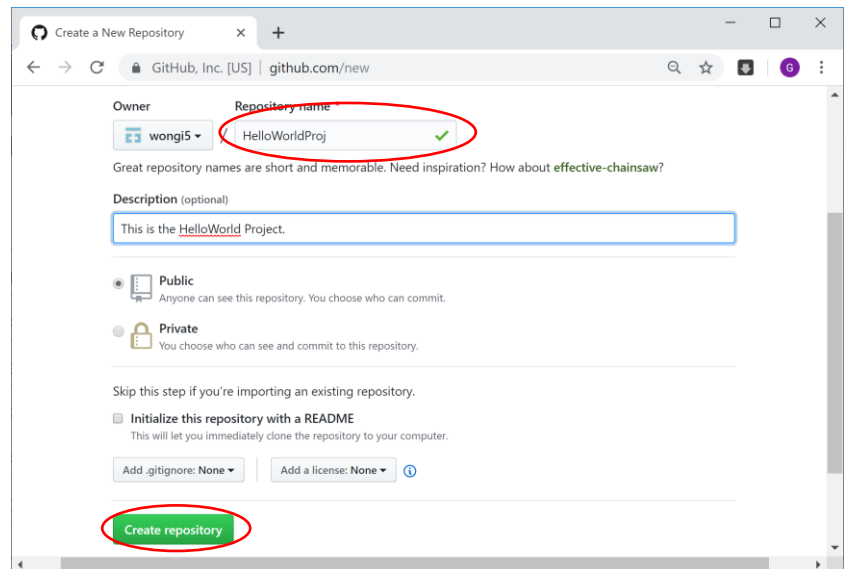
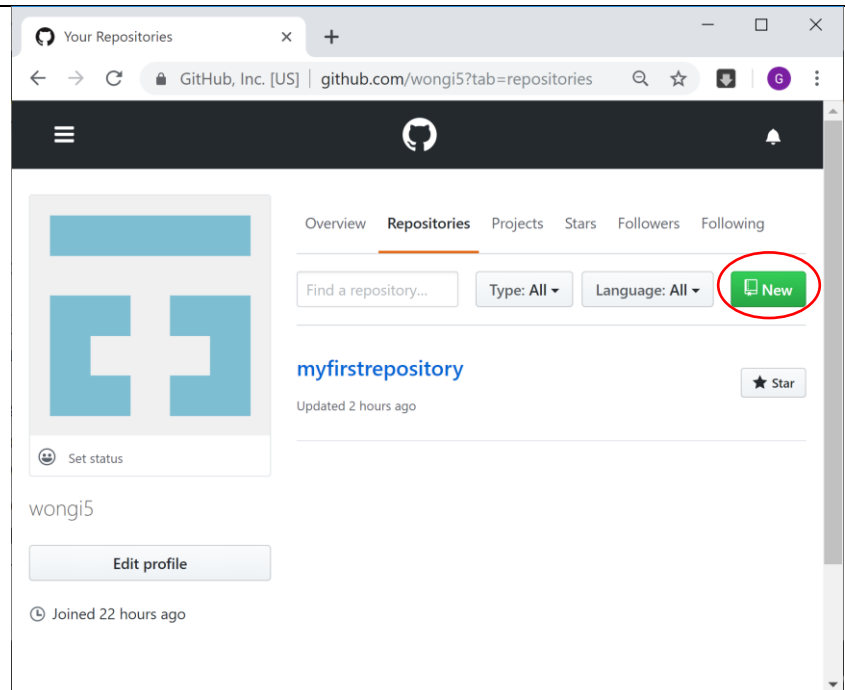
Login to GitHub with your own account info.

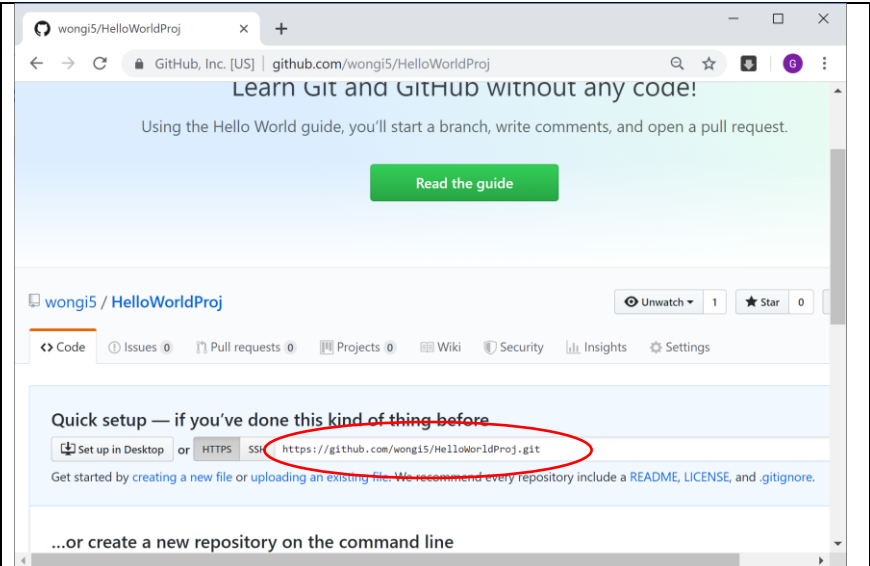
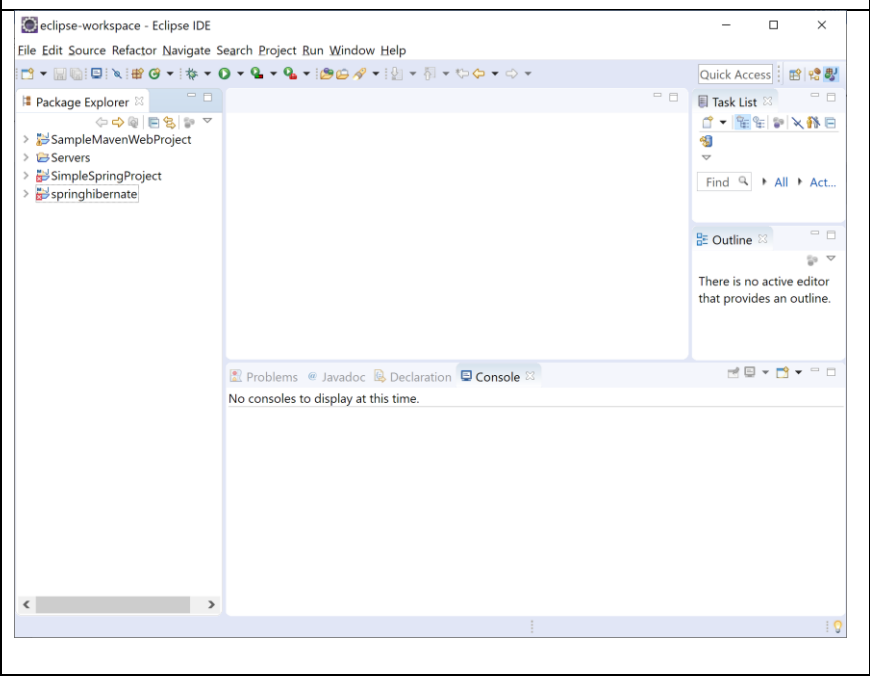
Go to Repositories

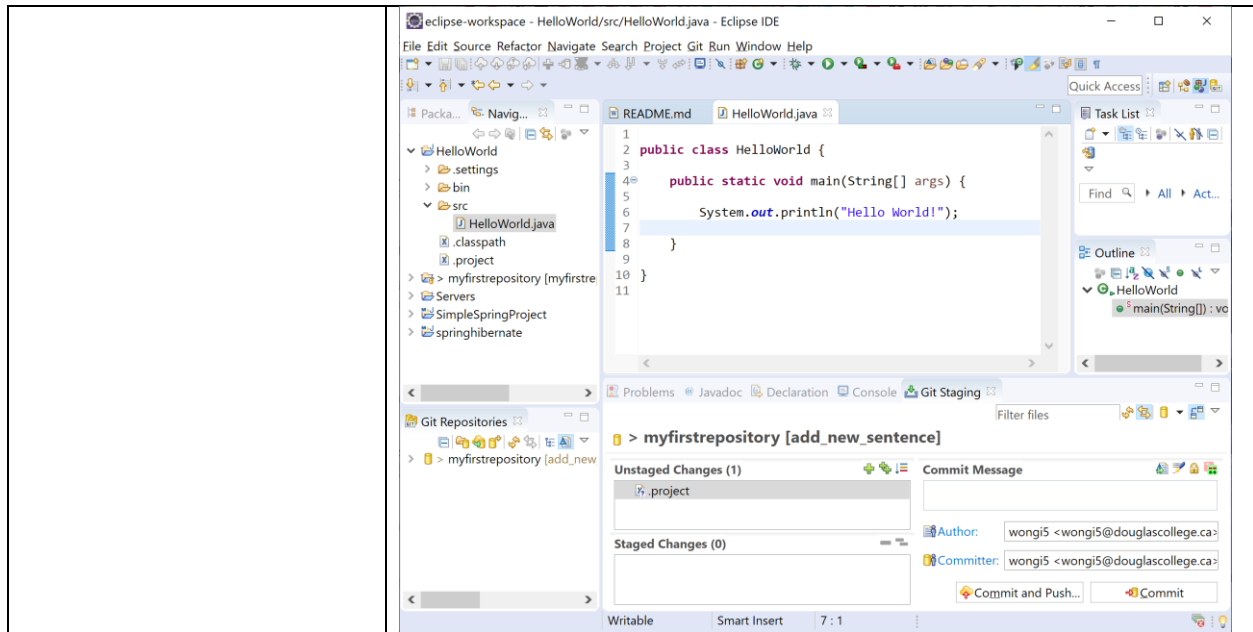
Click the New button

Enter the Repository name and add Description

Click Create Repository

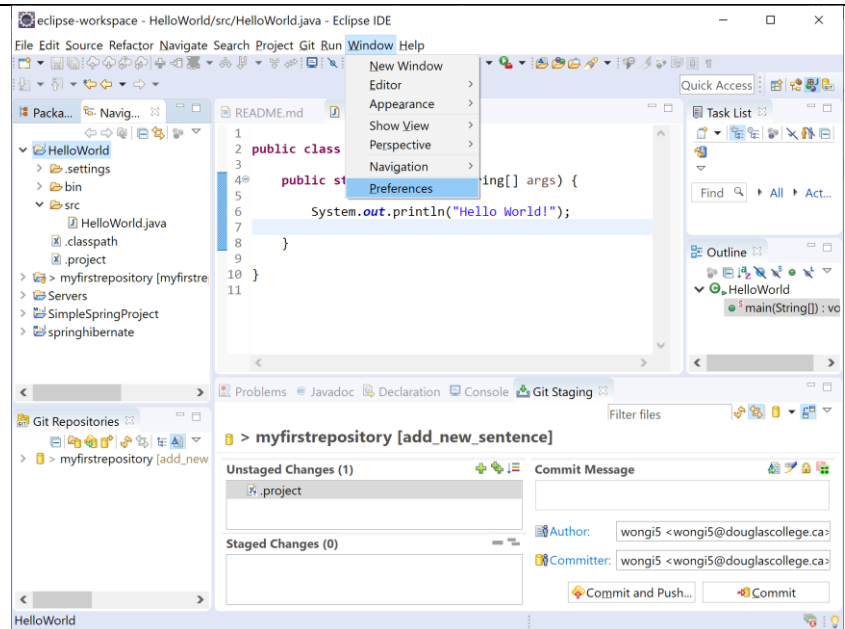


	
<p>Step 2: Open Eclipse and create a Java project, say HelloWorld</p> <p>Create a class HelloWorld</p>	



Step 3: Push the project to
GitHub

Choose Window →
Preference



Choose Git → Configuration

Click Add Entry to add the following Key-value pair:

Key: user.name

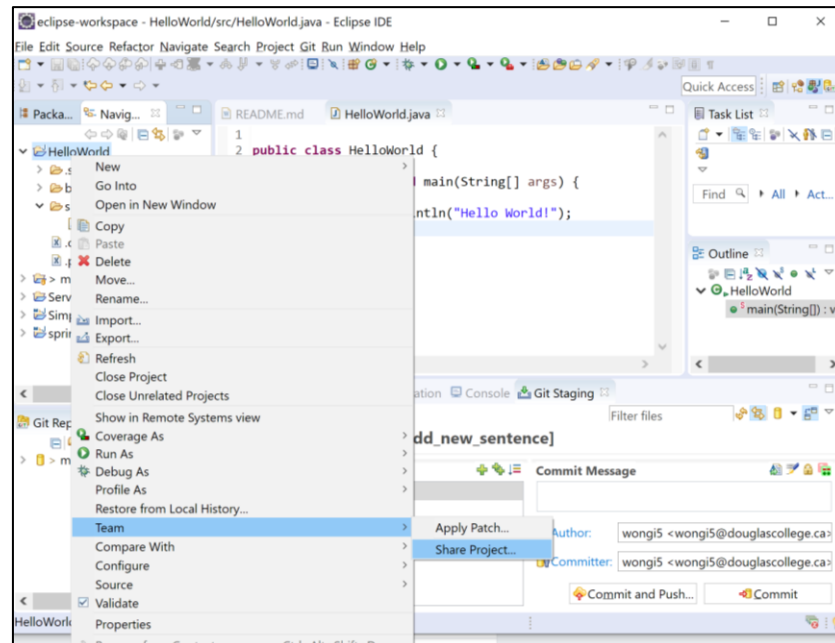
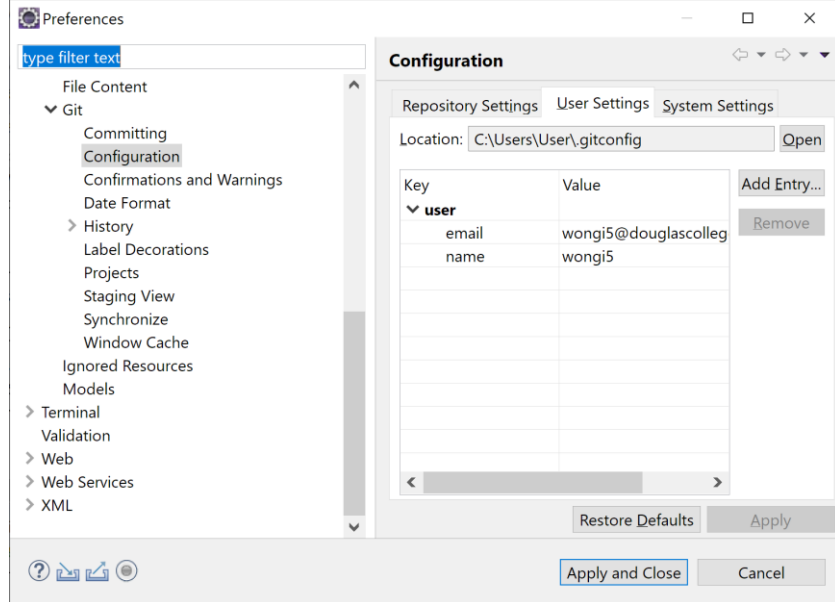
Value: <Your Name>

Key: user.email

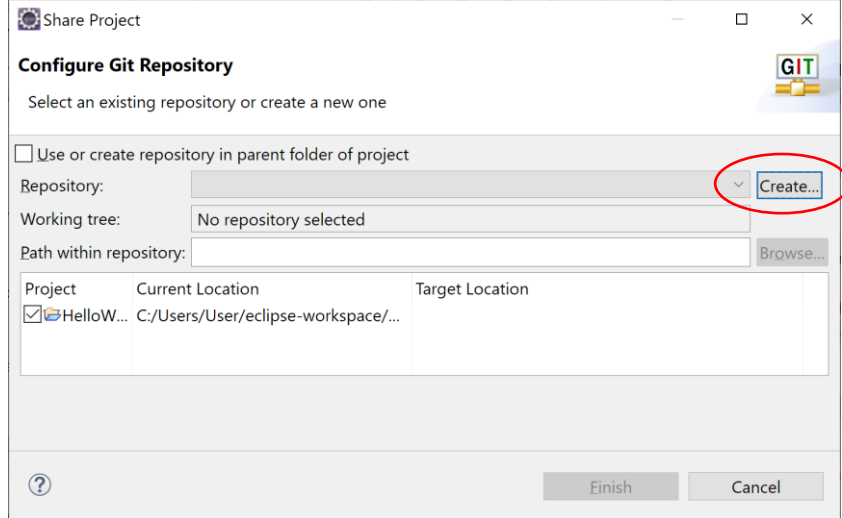
Value: <The email of your email account>

Apply and Close

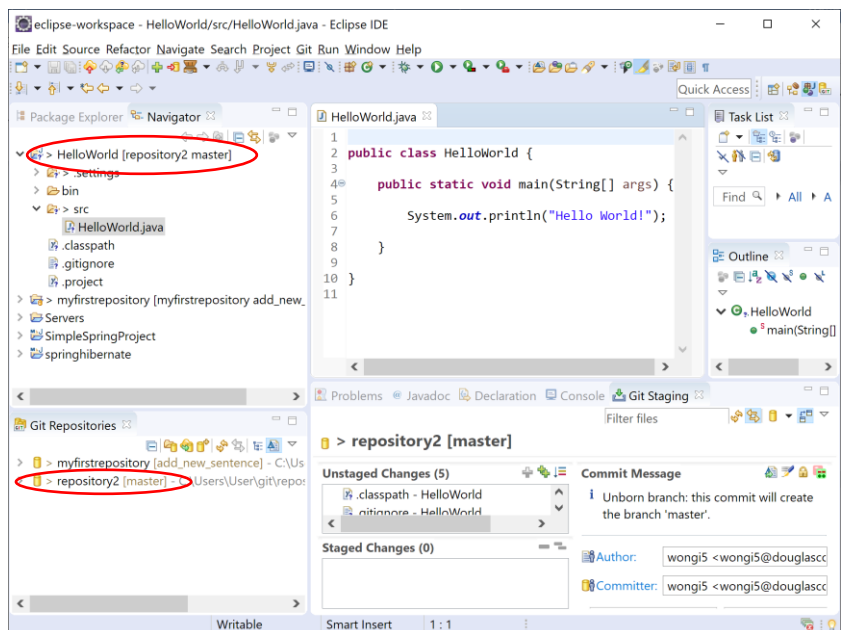
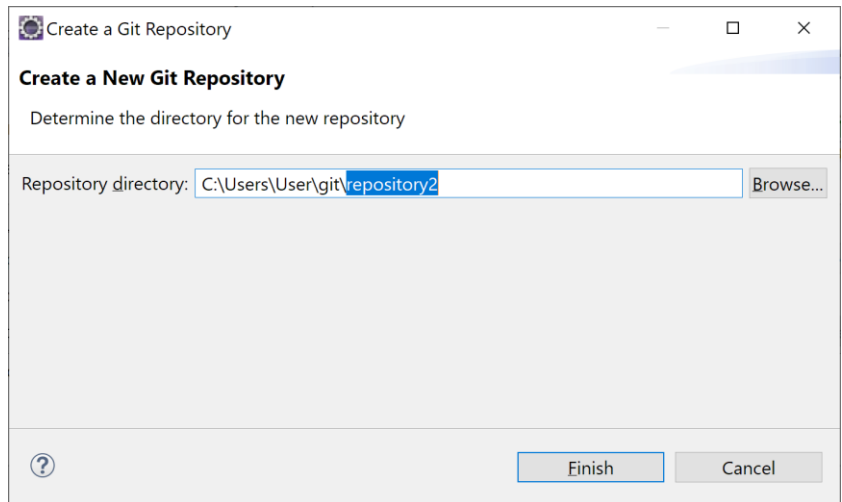
Right-click the HelloWorld project, choose Team and then Share Project



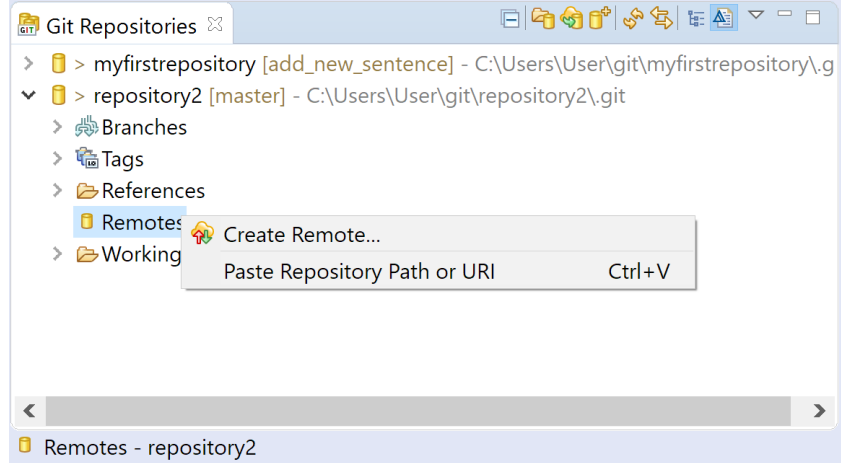
Click Create



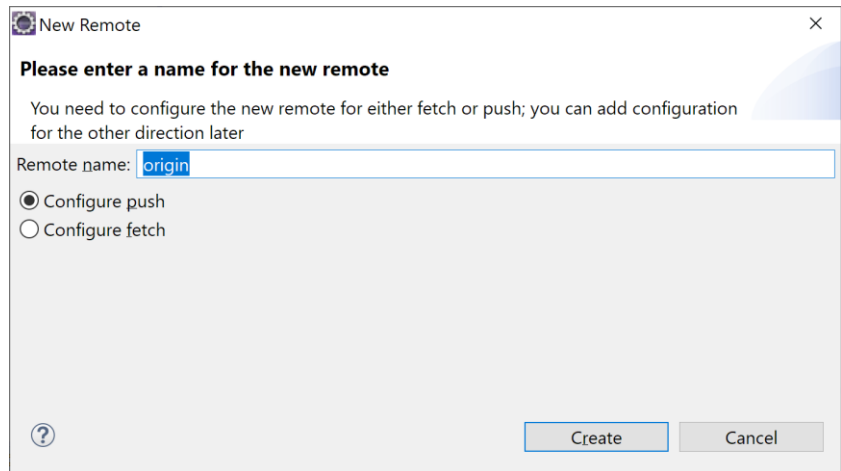
Accept the suggested repository directory and click Finish



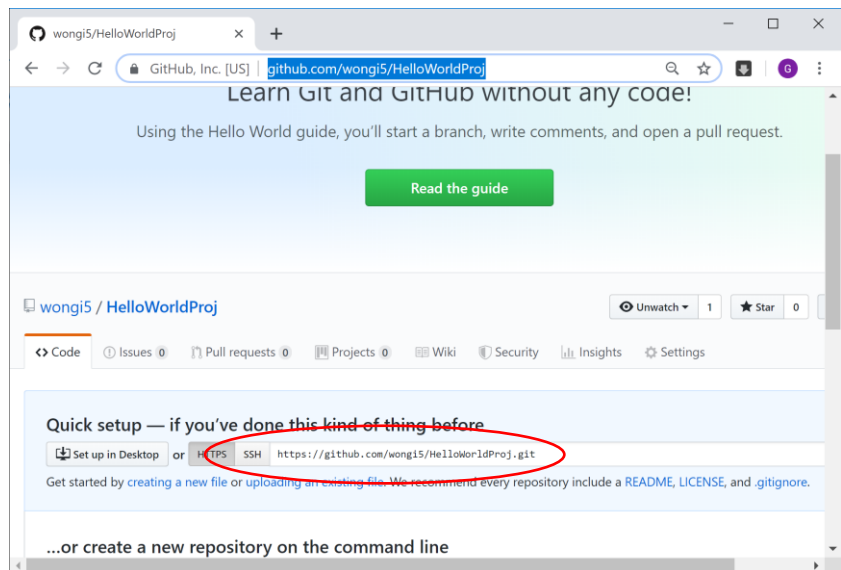
In Git Repository, choose the correct repository, right-click Remotes and choose Create Remote



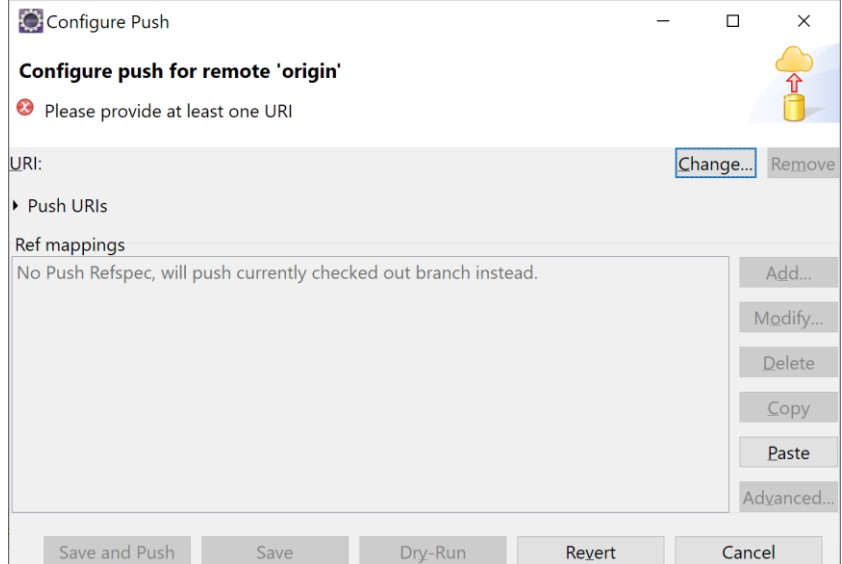
Leave the default setting and click Create



Go to GitHub in your browser and copy the URL

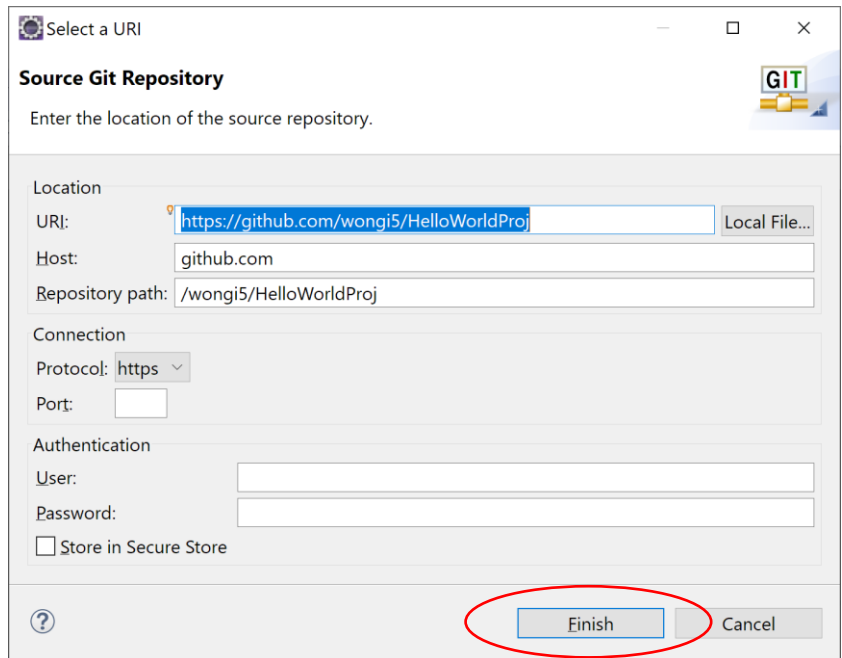


Go back to Eclipse and then click Change



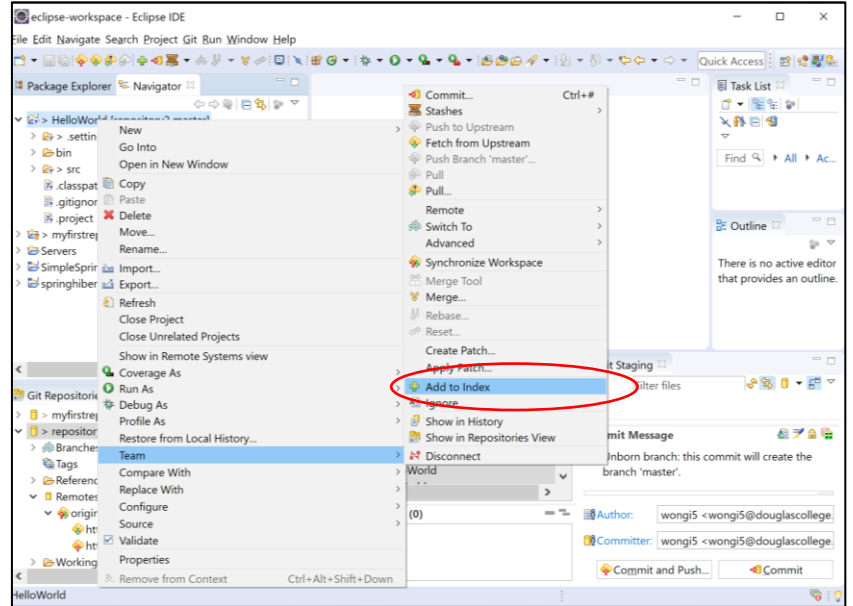
The 'Configure Push' dialog box is titled 'Configure push for remote 'origin''. It features a red error icon and the message 'Please provide at least one URI'. A 'URI:' label is followed by a text field containing 'https://github.com/wongi5/HelloWorldProj' and a 'Change...' button. Below this is a 'Push URIs' section with a 'Ref mappings' table. The table has one row with the text 'No Push Refspec, will push currently checked out branch instead.' To the right of the table are buttons for 'Add...', 'Modify...', 'Delete', 'Copy', 'Paste', and 'Advanced...'. At the bottom are buttons for 'Save and Push', 'Save', 'Dry-Run', 'Revert', and 'Cancel'.

Click Finish, then Save

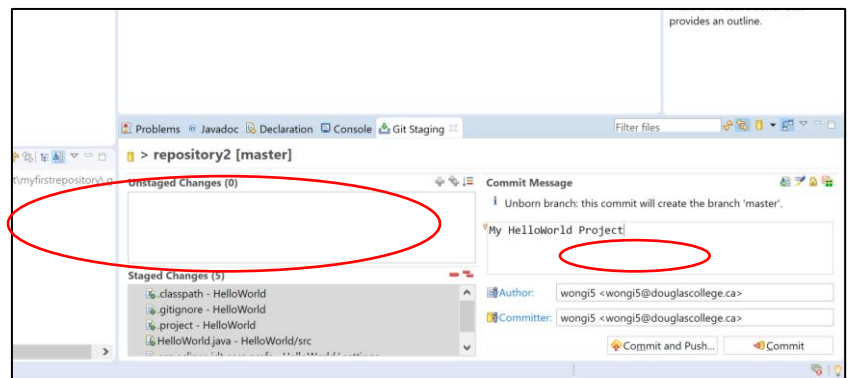


The 'Select a URI' dialog box is titled 'Source Git Repository'. It prompts the user to 'Enter the location of the source repository.' The 'Location' section includes a 'URI:' text field with 'https://github.com/wongi5/HelloWorldProj', a 'Host:' text field with 'github.com', and a 'Repository path:' text field with '/wongi5/HelloWorldProj'. The 'Connection' section has a 'Protocol:' dropdown set to 'https' and a 'Port:' text field. The 'Authentication' section includes 'User:' and 'Password:' text fields, and a checkbox for 'Store in Secure Store'. At the bottom, a 'Finish' button is circled in red, next to a 'Cancel' button.

In Package Explorer, right-click the HelloWorld project, then choose Team → Add to Index



In the Git View, input commit message and then click Commit and Push



The Branch is Master
because there is no other
branch in GitHub, click Next

Push Branch master

Push to branch in remote

Select a remote and the name the branch should have in the remote.

Source:
master fc7cb70 My HelloWorld Project


Destination:
Remote: origin: https://github.com/wongi5/HelloWorldProj New Remote...
Branch: master

☒ Configure upstream for push and pull

When pulling: Merge

☐ Force overwrite branch in remote if it exists and has diverged

Show [advanced push](#) dialog

 < Back **Next >** Finish Cancel

Enter account info when
prompted, then click Finish

Push Branch master


Push Confirmation

Confirm following expected push result.

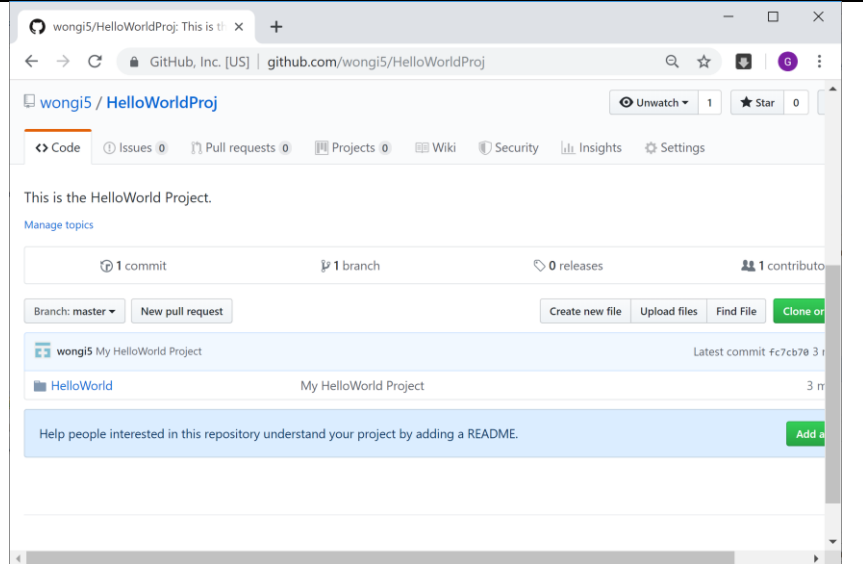
master → master [new branch]

Message Details
Repository <https://github.com/wongi5/HelloWorldProj>

☐ Cancel push if result would be different than above because of changes on remote
☐ Show dialog with result only when it is different from the confirmed result above

 < Back Next > Finish Cancel

Go to browser and refresh
GitHub. You will see your
project.



~~~ END ~~~