# GIT / VS Code / Azure

## Github

1. Go to Github.com.
2. Register for a free account or login in to your existing account.
3. Click on the repository tab
4. Click New and give the repository a unique name
5. Leave a public, check the Initialize this repository with a README box
6. Click Create Repository

## Git

1. Open a command prompt and type git -- version
2. If you get a version number ignore the next 3 steps
3. Go to <https://git-scm.com/>
4. Download the latest version
5. Run installer and allow all of the default options
6. Go back and try steps 1 & 2 of this section.

## Visual Studio Code (First Stepup)

1. Open VS Code
2. Open Command Palette (CTRL + Shift + p)
3. When you type git, you should see a dropdown of command options
4. Type git clone
5. Open web browser and go to your newly created GitHub repository
6. Copy the address and paste it into the popup in VS Code
7. Click on open repository
8. Now create a Vaadin app pointed at the same folder.
9. You will notice that as the App is generated the Source Control icon has a number in blue on it.
   1. These are the number of changes to the project since it was last cloned.
10. Click on the Source Control icon
11. In the message box add a comment on what changes have occurred.
12. Open Command Palette and type git commit
13. This may cause and error, if this happens click open git log.
14. This will probably tell you to set up your name and email for the git
15. Open the Git command prompt and type:

git config --global user.name "*Mona Lisa*"

git config --global user.email "mona.lisa@gmail.com"

1. Restart VS Code.
2. Attempt to commit the code and you will be asked to log into GitHub
3. The last step is to run the Git Push command (again from the Command Palette).