How to use GitHub to share code with others

# To upload your own application from NetBeans to GitHub for others to use

1. Login to your account at www.github.com, or create an account if you don’t have one.
2. Create a new repository by clicking the + button at the top-right of the page
   1. Select New repository.
   2. Type a name into the box that appears.
   3. Click the green button Create repository at the bottom of the page.
3. Copy the URL that was generated for this repository to the clipboard.   
   It should look something like <https://github.com/yourusername/Blah.git>
4. In NetBeans, open the project you want to upload.
5. In the NetBeans Project window on the left side of the screen, right-click on the project name.
   1. From the drop-down menu, select Versioning 🡪 Initialize Git Repository
   2. Click OK in the pop up window that appears
6. Right-click the project name a 2nd time. Notice that the menu now contains   
   the option Git
   1. Select Git 🡪 Commit. This means that this code is the version you want to upload.
   2. In the window that opens, type any message and click the Commit button.
7. Right-click the project name for the 3rd time.
   1. Select Git 🡪 Remote 🡪 Push. Your code will now be automatically “pushed” online to the repository you created on GitHub.
8. To verify that your code is now in GitHub, go to GitHub and click the repository you just made, and you’ll see all the directories of your Java project folder listed there. Click on the directory that says “src”. This will display all the .java files in the src directory. Click any of them to view the code. You can even edit the code right there!
9. To update the version that’s on GitHub, revise your code in NetBeans until you’re happy with it. Then repeat steps 6-8.

# To download someone else’s application from GitHub into NetBeans

1. Go to www.github.com.
   1. If you want to download code from your own account, copy the URL for that repository to the clipboard.
   2. If you want code from a teammate’s account, browse to that teammate’s account in GitHub. Then (presuming they’ve made their repository public), click the repository you want and copy its URL to the clipboard.
2. In NetBeans, select the Team menu.
   1. Then select Git 🡪 Clone
3. Paste in the repository’s URL which you copied in step 1. Then click Next.
4. Check the box “master”. Then click Next.
5. Browse to where you want the downloaded Java project folder to be saved (e.g. your desktop). Then click Finish.
6. Click Ok in the pop-up window that appears. This will display the downloaded project in your NetBeans Project window on the left. Now you can run the program!