

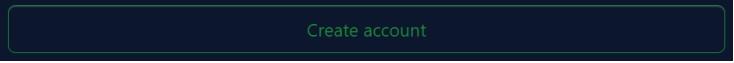
GitHub Workshop Lab Guide - Windows

Your Tasks (Mark these off as you go)

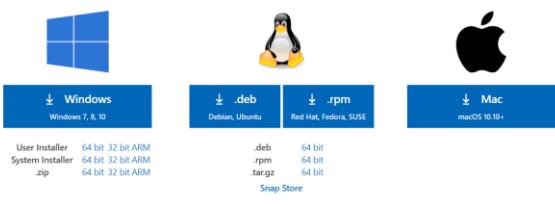
- Create a GitHub account
- Configure your username and email
- Install Visual studio code
- Install the Jupyter Notebook extension
- Clone a repository
- Complete your assignment with Visual Studio Code

Create a GitHub account

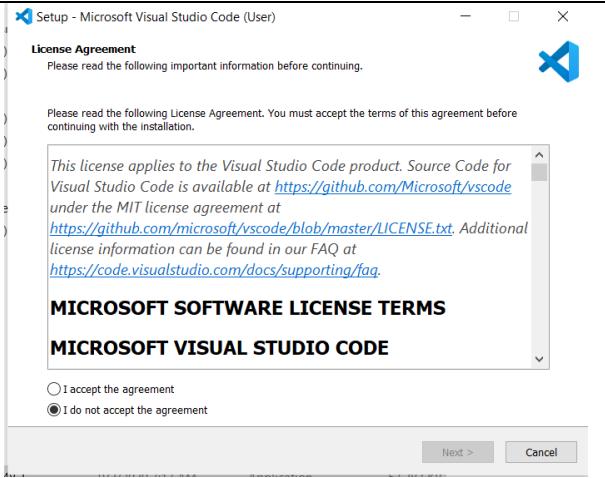
Following the tutorial below to get started with GitHub	
Navigate to the following address, http://github.com	
then, click <i>Sign up</i>	
Enter your email, then click <i>Continue</i>	Welcome to GitHub! Let's begin the adventure Enter your email* → heidi.pluska2@gmail.com <input type="button" value="Continue"/>
Create a password and click <i>Continue</i>	Create a password* → <input type="button" value="Continue"/>
Create username (This username will be public and viewable by everyone) and click <i>Continue</i>	Enter a username* → <input type="button" value="Continue"/>
Indicate whether or not you want to receive product updates and click <i>Continue</i> .	Would you like to receive product updates and announcements via email? Type "y" for yes or "n" for no → <input type="button" value="Continue"/>
Solve the puzzle to verify your account	<p>Use the arrows to rotate the animal to face in the direction of the hand. (1 of 1)</p>  <p>Match this angle</p> <p>Submit</p>

Click <i>Create Account</i> when done	
Check your email and Enter code.	<p>You're almost done! We sent a launch code to zofia.pluska@gmail.com</p> <p>→ Enter code*</p> 
Select <i>Just me and Student</i>	<p>This will help us guide you to the tools that are best suited for your projects.</p> <p>How many team members will be working with you?</p> <p><input type="radio"/> Just me <input type="radio"/> 2-5 <input type="radio"/> 5-10 <input type="radio"/> 10-20 <input type="radio"/> 20-50 <input type="radio"/> 50+</p> <p>Are you a student or teacher?</p> <p><input type="radio"/> N/A <input type="radio"/> Student <input type="radio"/> Teacher</p> <p>Continue</p>
Scroll to the bottom and click <i>Skip personalization</i>	Skip personalization

□ **Install Visual Studio Code**

Follow the tutorial below to install Visual Studio Code										
<p>Navigate to https://code.visualstudio.com/download and download Visual Studio Code</p>	<p>Download Visual Studio Code Free and built on open source. Integrated Git, debugging and extensions.</p>  <table border="0"> <tr> <td> Windows Windows 7, 8, 10</td> <td> .deb Debian, Ubuntu</td> <td> .rpm Red Hat, Fedora, SUSE</td> </tr> <tr> <td>User Installer System Installer .zip</td> <td>.deb .rpm .tar.gz</td> <td>.deb .rpm .tar.gz</td> </tr> <tr> <td></td> <td></td> <td>Snap Store</td> </tr> </table>	 Windows Windows 7, 8, 10	 .deb Debian, Ubuntu	 .rpm Red Hat, Fedora, SUSE	User Installer System Installer .zip	.deb .rpm .tar.gz	.deb .rpm .tar.gz			Snap Store
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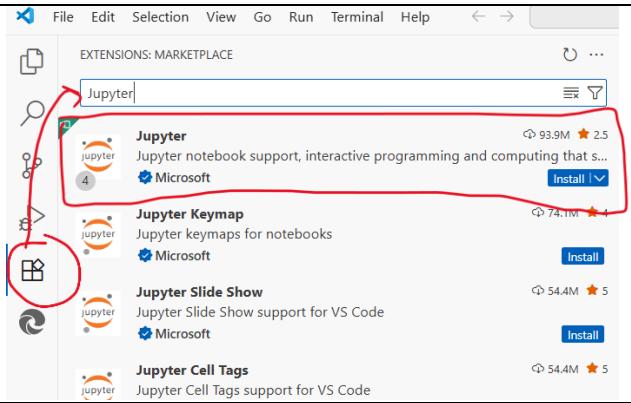
Locate the file and install per your operation system



□ Install the Jupyter extension

Open visual studio code.

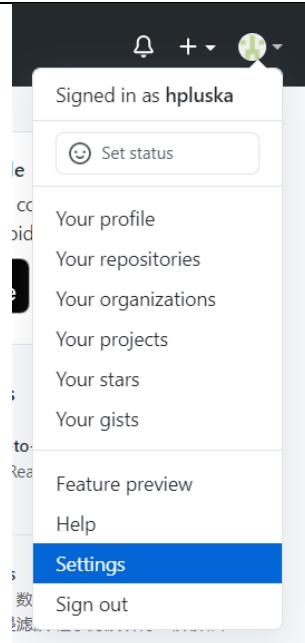
- Locate the extension icon and click on it.
- Type "Jupyter" in the text box
- Select the Jupyter extension shown right

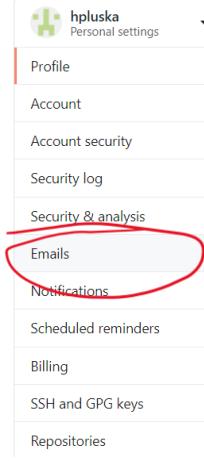
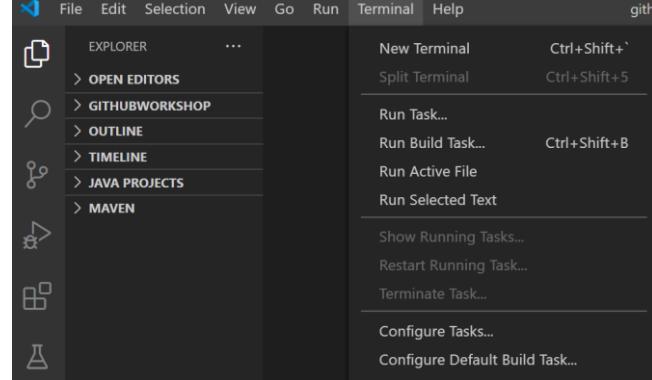
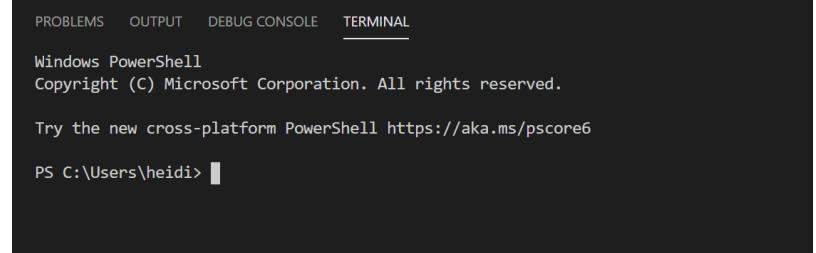


□ Configure your username and email

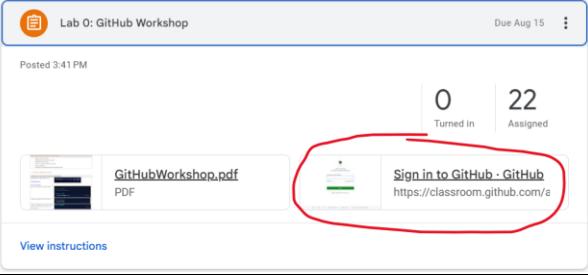
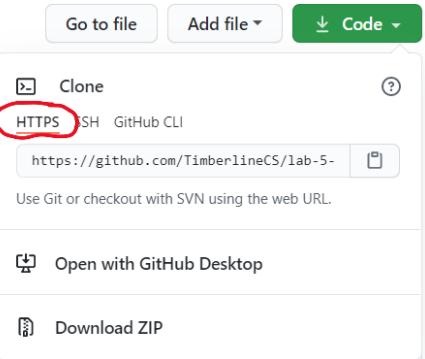
Log in to GitHub and locate your no-reply email

- Click on *Settings* from your start menu
- In the left menu, click on *Emails*
- In the Primary Email Address section copy the no-reply email provided in the text

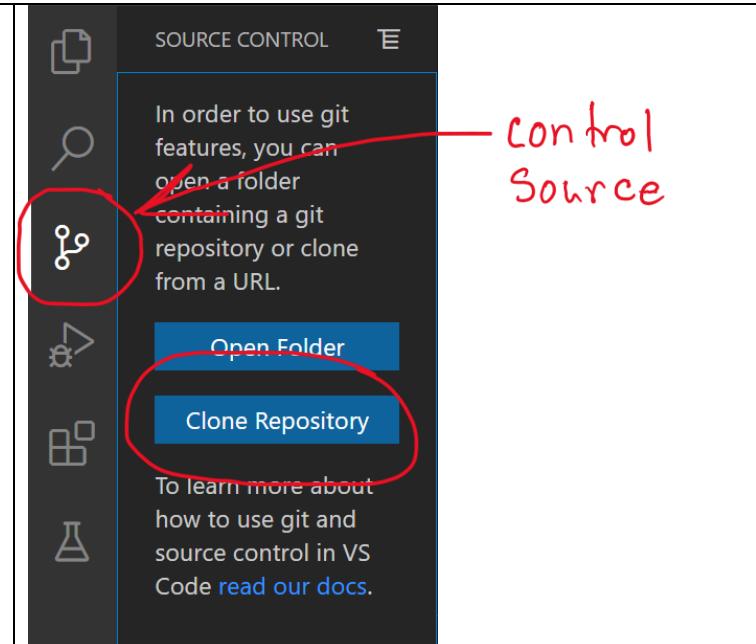


	 <p>Public profile</p> <p>Name: Pluska</p> <p>Your name may appear around GitHub where you contribute or are mentioned. You can remove it at any time.</p> <p>Public email: Select a verified email to display</p> <p>You have set your email address to private. To toggle email privacy, go to email settings and uncheck "Keep my email address private."</p> <p>Bio: Computer Science Instructor and Recreational Hacker</p> <p>URL:</p> <p>Primary email address: heidi.pluska@gmail.com</p> <p>Because you have email privacy enabled, heidi.pluska@gmail.com will be used for account-related notifications as well as password resets. 17304761+hpluska@users.noreply.github.com will be used for web-based Git operations, e.g. edits and merges.</p> <p>Save</p>
Open a Terminal	 <p>File Edit Selection View Go Run Terminal Help</p> <ul style="list-style-type: none"> EXPLORER OPEN EDITORS GITHUBWORKSHOP OUTLINE TIMELINE JAVA PROJECTS MAVEN <p>New Terminal Ctrl+Shift+`</p> <p>Split Terminal Ctrl+Shift+5</p> <p>Run Task...</p> <p>Run Build Task... Ctrl+Shift+B</p> <p>Run Active File</p> <p>Run Selected Text</p> <p>Show Running Tasks...</p> <p>Restart Running Task...</p> <p>Terminate Task...</p> <p>Configure Tasks...</p> <p>Configure Default Build Task...</p>
Set the Git commit username and email on your local computer to the ones you used on your GitHub account.	 <p>PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL</p> <p>Windows PowerShell</p> <p>Copyright (C) Microsoft Corporation. All rights reserved.</p> <p>Try the new cross-platform PowerShell https://aka.ms/pscore6</p> <p>PS C:\Users\heidi> [REDACTED]</p>

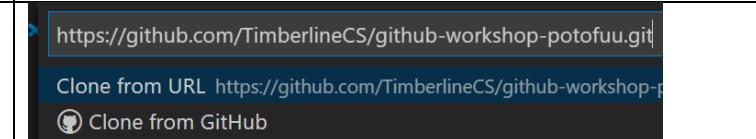
□ Clone a repository

Locate the GitHub assignment link in Google Classroom	
Locate your name to join the classroom	<p>Join the classroom: AP CSA P2 2324</p> <p>To join the GitHub Classroom for this course, please select yourself from the list below to associate your GitHub account with your school's identifier (i.e., your name, ID, or email).</p>
Click the green button to accept the assignment	<p>Accept the assignment — GitHub Workshop</p> <p>Once you accept this assignment, you will be granted access to the <code>github-workshop-hpluska</code> repository in the TimberlineCS organization on GitHub.</p> <p>Accept this assignment</p>
Refresh this page to see the link to the assignment.	You accepted the assignment, GitHub Workshop . We're configuring your repository now. This may take a few minutes to complete. Refresh this page to see updates.
Click on the blue link to go to the assignment repository.	<p>You're ready to go!</p> <p>You accepted the assignment, GitHub Workshop.</p> <p>Your assignment repository has been created:</p> <p></p> <p>We've configured the repository associated with this assignment (update).</p>
In the GitHub assignment repository you just accepted, locate the Code button and copy the https link. Make sure HTTPS is selected.	

- Return to Visual Studio Code
- Click on the *Control Source* icon in the left menu
 - Click on the *Clone Repository* button

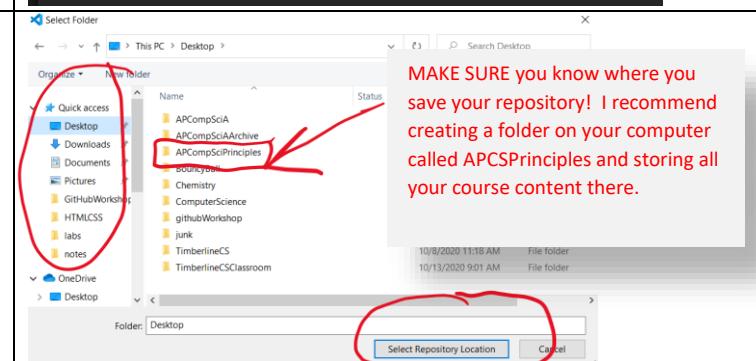


Locate the text box at the top of the window and paste the URL to the repository you just copied, then click *Enter*

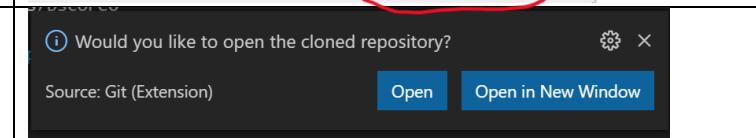


Navigate to where you would like to store the repository.

The click *Select Repository Location*

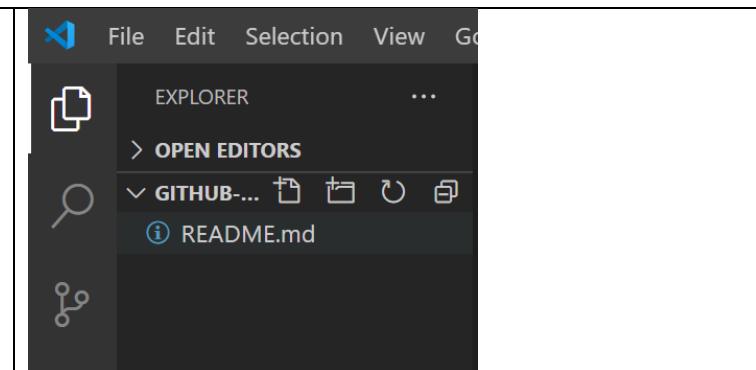


In the bottom right corner of the screen locate the *Would you like to open the cloned repository?* Window. Click the *Open* button



□ Complete your assignment in Visual Studio Code

- Locate the *README.md* file in the left menu and click on it.



The file you clicked on is now open in the editor window.

The README contains the instructions for completing this lab.

```
① README.md > # GitWorkshop
1  # GitWorkshop
2
3  To complete this lab, edit this README by doing the following,
4  |
5  - Indicate your first and last name
6
7  - Share 2 or 3 things about yourself
8
9  - Indiate your goal(s) you have for this course
10
```