**Office Hours**

My regular office hours are:

* 2:30-3:25pm Tuesdays and Thursdays

I am also available by appointment at other times, if you cannot come to the office hours.  Just email me to arrange a meeting.

Sometimes it is convenient to meet on Zoom, even during the regular office hours.  If we arrange a Zoom meeting, use this information to connect:

Homer White is inviting you to a scheduled Zoom meeting.

Topic: Office Hours  
Time: This is a recurring meeting Meet anytime

Join Zoom Meeting  
https://georgetowncollege-edu.zoom.us/j/92502724277?pwd=VGdDRHdMTVR5NnAyT2g5WHdVM2FuUT09

Meeting ID: 925 0272 4277  
Passcode: 965503  
One tap mobile  
+13126266799,,92502724277#,,,,\*965503# US (Chicago)  
+19294362866,,92502724277#,,,,\*965503# US (New York)

Dial by your location  
        +1 312 626 6799 US (Chicago)  
        +1 929 436 2866 US (New York)  
        +1 301 715 8592 US (Washington DC)  
        +1 346 248 7799 US (Houston)  
        +1 669 900 6833 US (San Jose)  
        +1 253 215 8782 US (Tacoma)  
Meeting ID: 925 0272 4277  
Passcode: 965503  
Find your local number: https://georgetowncollege-edu.zoom.us/u/a0NKrtPu5

**Class Zoom Meeting Link**

This is a face-to-face class, but quite often in class we will open up a Zoom meeting so we can work with R.   You will also use this link to meet with me individually on Zoom by appointment.

Homer White is inviting you to a scheduled Zoom meeting.

Homer White is inviting you to a scheduled Zoom meeting.

Topic: CSC 470  
Time: This is a recurring meeting Meet anytime

Join Zoom Meeting  
https://georgetowncollege-edu.zoom.us/j/94442707799?pwd=MGdpZUFlZjJmRVUxcGhkcmtoQVZ4Zz09

Meeting ID: 944 4270 7799  
Passcode: 142837

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One tap mobile  
+13052241968,,94442707799#,,,,\*142837# US  
+13092053325,,94442707799#,,,,\*142837# US

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Dial by your location  
• +1 305 224 1968 US  
• +1 309 205 3325 US  
• +1 312 626 6799 US (Chicago)  
• +1 646 931 3860 US  
• +1 929 436 2866 US (New York)  
• +1 301 715 8592 US (Washington DC)  
• +1 253 205 0468 US  
• +1 253 215 8782 US (Tacoma)  
• +1 346 248 7799 US (Houston)  
• +1 360 209 5623 US  
• +1 386 347 5053 US  
• +1 507 473 4847 US  
• +1 564 217 2000 US  
• +1 669 444 9171 US  
• +1 669 900 6833 US (San Jose)  
• +1 689 278 1000 US  
• +1 719 359 4580 US

Meeting ID: 944 4270 7799  
Passcode: 142837

Find your local number: https://georgetowncollege-edu.zoom.us/u/acLt8q2k1a

**Useful Links**

You will visit these links while setting up your computer:

* To install Node for the first time:  <https://nodejs.org/en>
* If you are using a Mac, you may want the Command line tools.  To install them, follow the directions on this page:  <https://osxdaily.com/2014/02/12/install-command-line-tools-mac-os-x/> These tools include git, so if you install them you will not need to use the next link.
* Windows users (and Mac users who did not install Command Line Tools) will need to install git:  <https://git-scm.com/>
* Make an account on GitHub:  <https://github.com>
* After you make your GitHub account, you will want to create a Personal Access Token.  To do so, follow the directions here:  <https://docs.github.com/en/authentication/keeping-your-account-and-data-secure/managing-your-personal-access-tokens> You should make a "classic" token, with no expiration date.  Give the token all permissions to access your repositories.  Copy the token to your clipboard and paste it into a text document somewhere on your computer.  (You will delete it from this document later, after you have "cached" the token in a secure place on your computer.
* Caching your token is optional but very much recommended as a convenience.  You can explore how to cache your token on this page:  <https://docs.github.com/en/get-started/getting-started-with-git/caching-your-github-credentials-in-git>
* Install VSCode:  <https://code.visualstudio.com/>
* Now that you have installed Node and VSCode, go to VSCode and install the following extension:  CodeRunner.

If you want to learn more about git and GitHub than we teach in the class, try this tutorial:

* <https://www.w3schools.com/git/>

Here is the book from which we will learn JavaScript:

* *Eloquent Javascript:*<https://eloquentjavascript.net/>

JavaScript assignments are posted on this website:

* <https://homerhanumat.github.io/csc324resources/>

Get an account with Observable:

* <https://observablehq.com/>

**Basic Terminal Commands**

To make a new directory inside the active directory:

mkdir <the name of the new directory goes here>

To change the active directory:

cd <the name of the directory goes here>

To list the contents of the active directory:

ls

To list the contents of the active directory, including "hidden" files:

ls -a

To create a new file within the active directory:

touch <the name of the new file goes here>

To remove a file:

rm <the name of the file to remove goes here>

To remove an entire directory:

rm -rf <the name of the directory to remove goes here>

**Basic git Commands**

To configure git:

git config --global user.name "Your Name"

git config --global user.email "youremail@yourdomain.com"

To initialize a git repository in an existing directory, cd to the that direcotory and enter:

git init

To check on the status of your repository:

git status

To stage changes in preparation for a commit:

git add --all

To make a commit:

git commit -m "write an informative message about your changes between these quote-marks"

To push your changes to the remote repository on GitHub for the first time:

git push -u origin main

After that first push, git will know where you plan to push to, so future pushes can be done with just this:

git push

**Miscellaneous Advice**

**How to forget a file completely**

Sometimes you accidentally add a file to your repository and include it in the git tracking.  Later on, you realize your mistake.  Deleting the file won't remove it from the git history, however.  You have to take further measures, as described here:  <https://stackoverflow.com/questions/1274057/how-do-i-make-git-forget-about-a-file-that-was-tracked-but-is-now-in-gitignore>