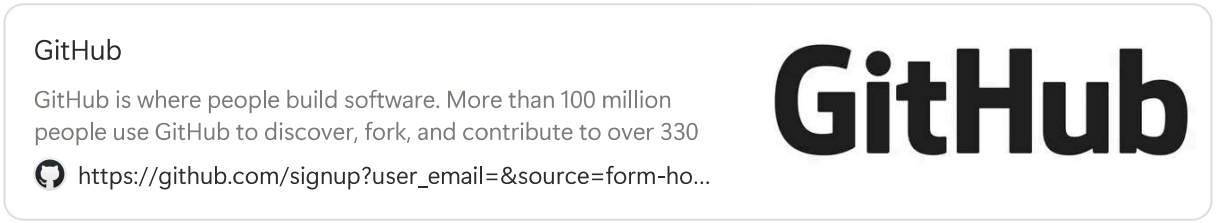
HW#0 Pre-class Preparation

Web Programming Home

Welcome to the pre-class preparation assignment for Ric's Web Programming! In this assignment, you will complete some tasks essential for your success in this course.

Task 1: Sign up for a GitHub Account

If you don't have one already, sign up for a GitHub account.



⚠️ **If you do not have a GitHub account, you will not be able to submit assignments for this course.**

Task 2: Install a Unix-like (Windows will NOT be supported) operating system (strongly recommended)

In the past years, students using the Windows operating system have encountered **much more problems** than those using a Unix-like operating system. We will try our best not to create these kinds of problems. But still, we cannot guarantee that we can help you with all Windows-specific problems. Therefore, **if you are using a Windows operating system to develop, we strongly recommend you switch to something else.** With all that said, if you think you really know what you are doing on Windows **and are prepared to solve those problems on your own at 3 a.m.**, feel free to skip this part.

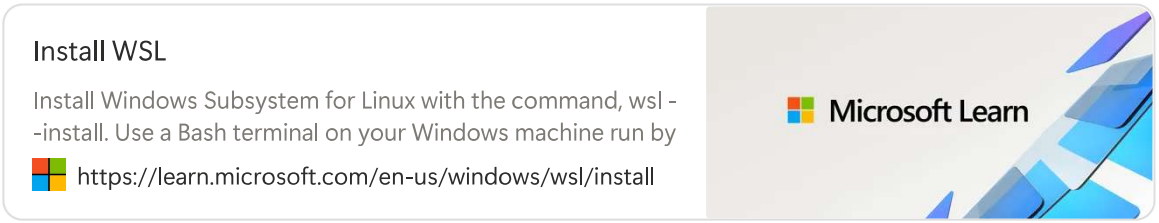
The Linux distribution and version we recommend is **Ubuntu 22.04 LTS**. Other distributions or versions are also fine, all recent versions of Linux distributions are welcome.

And yes, MacOS is fine.

We provide 2 ways to install Ubuntu if you are currently using Windows:

1. **install WSL**

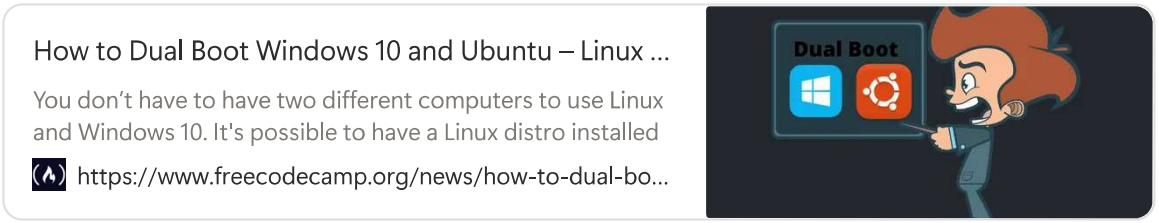
   Please follow this guide to complete the installation:

   WSL is not a full OS and works differently than the actual Linux OS in many ways. Make sure you understand these differences on your own because we (TAs) may not be able to fully support it.

2. **dual boot**

   Please follow this guide to complete the installation:

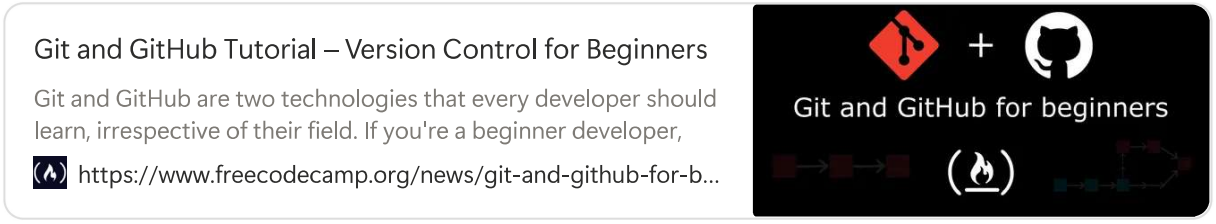
   

   This is slightly more advanced. You may find this difficult at first but feel rewarding later. Getting familiar with Linux is one of the best things you can do if you want to take software development seriously.

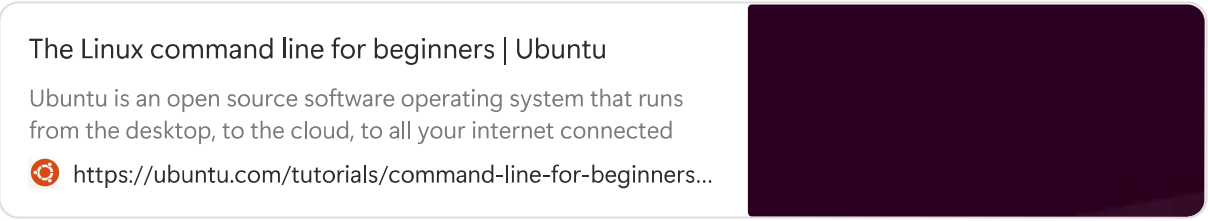
> ⚠️ **If you choose to use a Windows operating system and have a Windows-specific problem, while we will still try our best to help you, we cannot guarantee and will not accept this as an excuse for any impact on your grade. It is strongly recommended that you install a Unix-like operating system to ensure that you have a smooth experience completing the course.**

Task 3: Learn Git basics

All assignments, exams, and projects are submitted via GitHub. You need to know how to use Git and GitHub to do that.

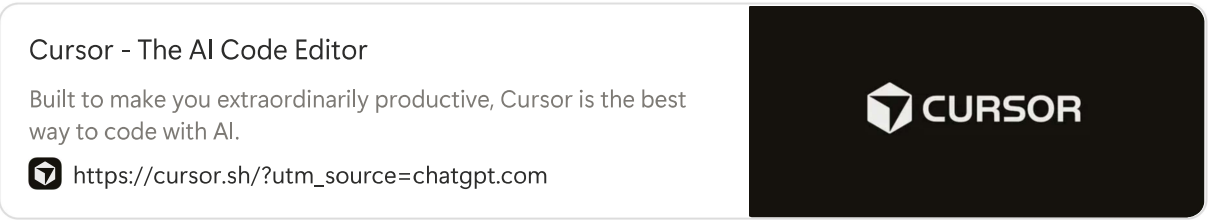


To work with Git (and many other things), you need to at least have a basic understanding of the command line. Read this first if you don't already.



Task 4: Cursor Subscription

Before the Web Programming course begins, please make sure you have a **Cursor subscription**. If you already have a Cursor account, simply provide us with your **email address**. If you do not yet have an account, please sign up on Cursor using the **14-day free trial** and then share your **registered email address** with us.



We plan to distribute coupons after the add/drop period ends, about two weeks