# IY469 Getting Started

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## Description

This document contains instructions to setup a ready-to-use C++ programming environment. To accomplish this, we're going to use [Gitpod](https://gitpod.io) and [GitHub](https://github.com) to setup a system in the cloud that will enable us to program in the browser.

## Some Preliminaries

1. [Signup to a GitHub account](https://github.com/signup?ref_cta=Sign+up&ref_loc=header+logged+out&ref_page=%2F&source=header-home) using your personal email address.
2. [Log in to Gitpod](https://gitpod.io/login/) using the GitHub account you just created. After logging in, you will be taken to the **Workspaces** page.
3. Log in to GitHub as well, if you aren't already logged in after creating an account.

## Starting our Workspace

### Fork

[cpp\_lectures](https://github.com/c2akula/cpp_lectures) is a repository that I created on GitHub to host C++ programs, in addition to the lecture notes, used in our IY469 module. To make a copy of this, to store your own programs, you will need to **Fork** this repository by clicking on the button in the top right corner.



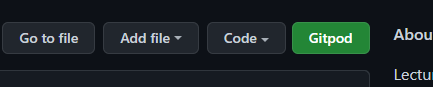
### Gitpod Extension

To open your, now forked, repository on Gitpod, you will need to install the [Gitpod Chrome Extension](https://chrome.google.com/webstore/detail/gitpod-always-ready-to-co/dodmmooeoklaejobgleioelladacbeki) on Google Chrome or Microsoft Edge. Once installed, an orange G icon should appear in the top right of your browser.



### Open Repository in Gitpod

Now that the Gitpod extension is installed, you can go back to your GitHub repository where you should see a green button with the text Gitpod inside it.



Clicking on this button will open this repository in a new Gitpod Workspace where you can now write your programs and save them.