

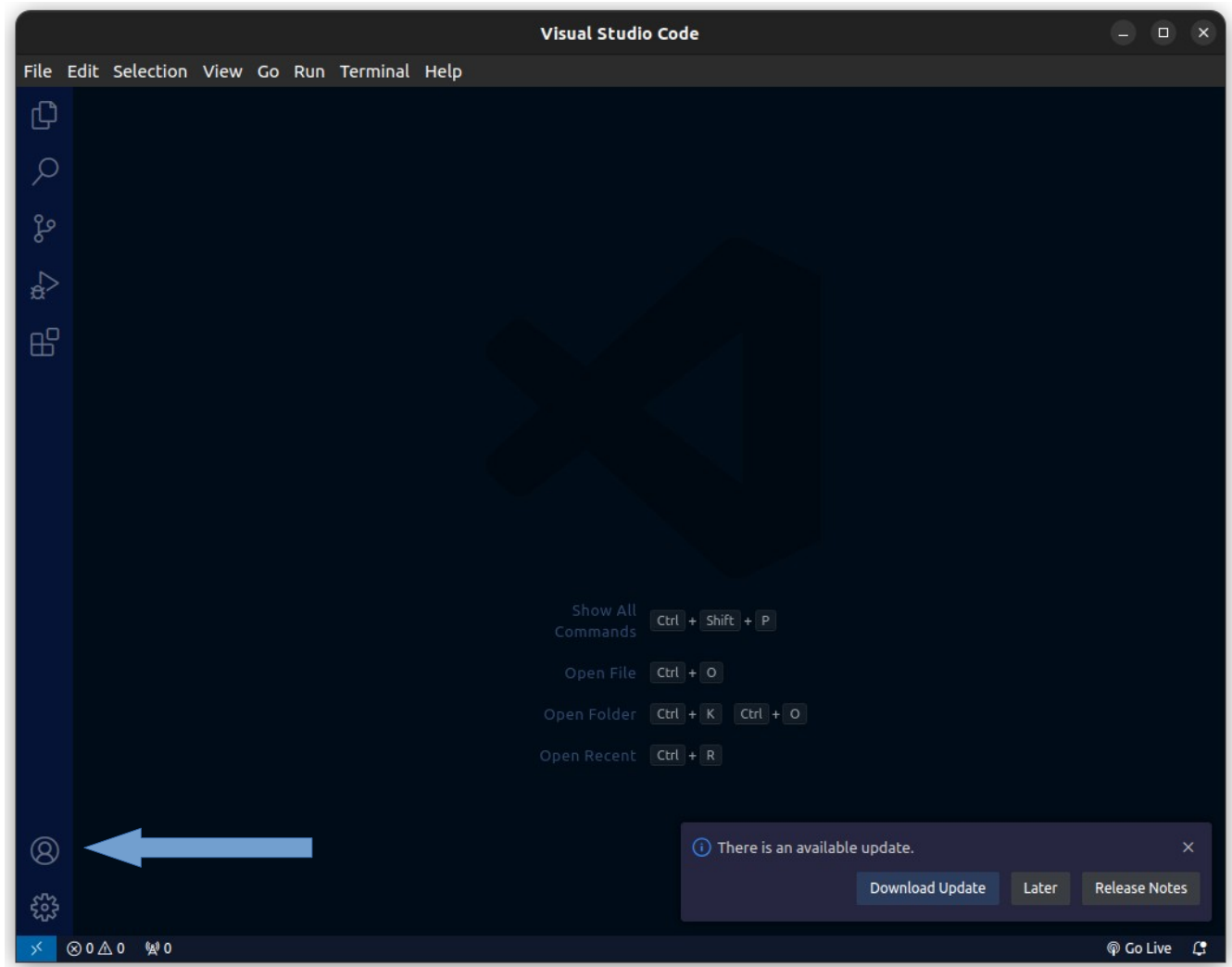
Lecture 6: IDEs vs Text Editors

As a developer, all we need is an environment to write code in, and a tool to make use of this code. We basically have two ways to take in this demand, one way is to work in a simple text editor and then use an external tool to convert this code into a machine code that could be run on a machine. Another approach is to use an integrated development environment (IDE) that is dedicated to a specific purpose of use or a specific language that provides the whole functionality of writing the code and converting it to machine language.

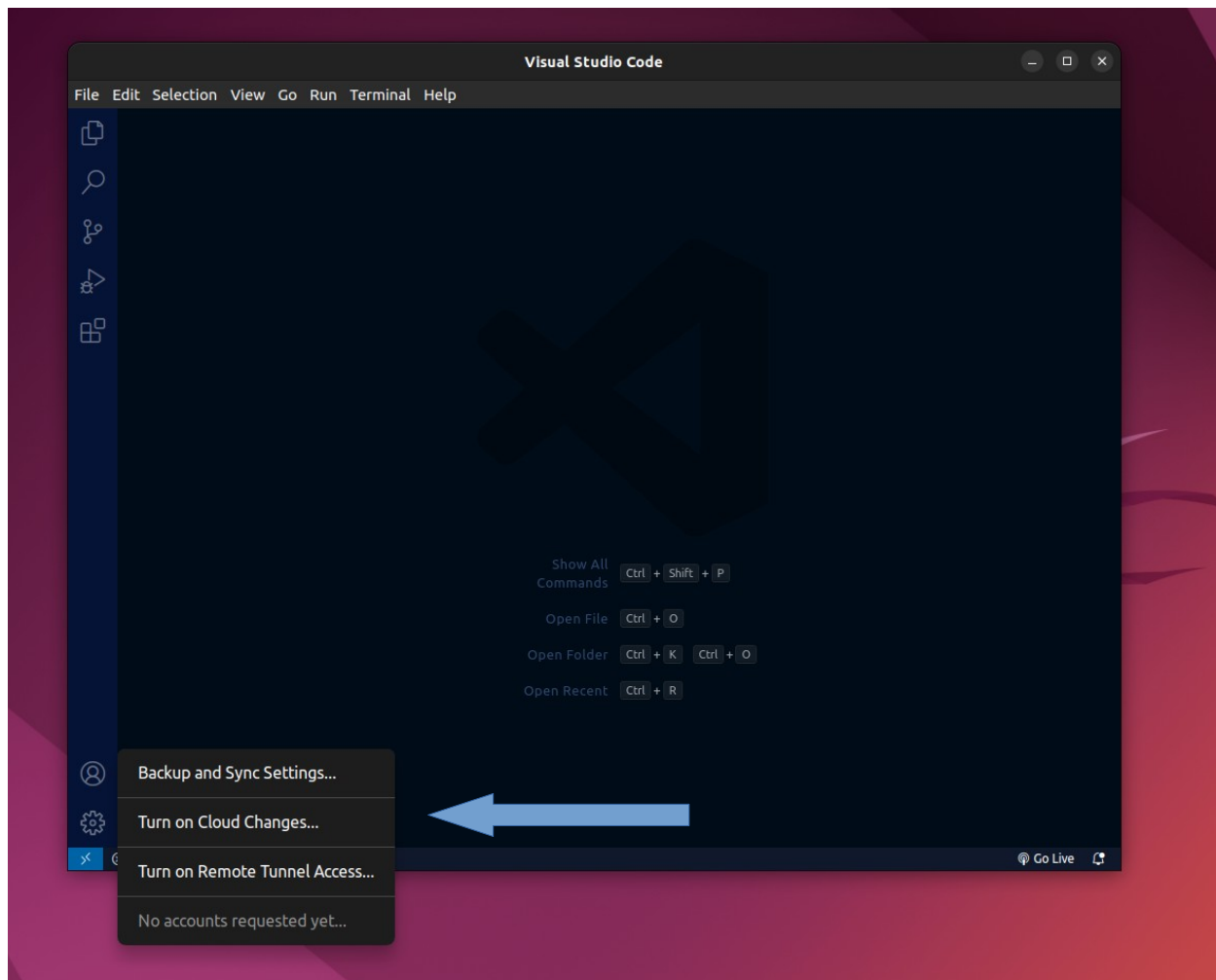
In our journey, we will have the approach of a text editor and an external tool to help us make good use of the code we will write, and the one we will be using is called VS code.

The steps of using the editor is as follows:

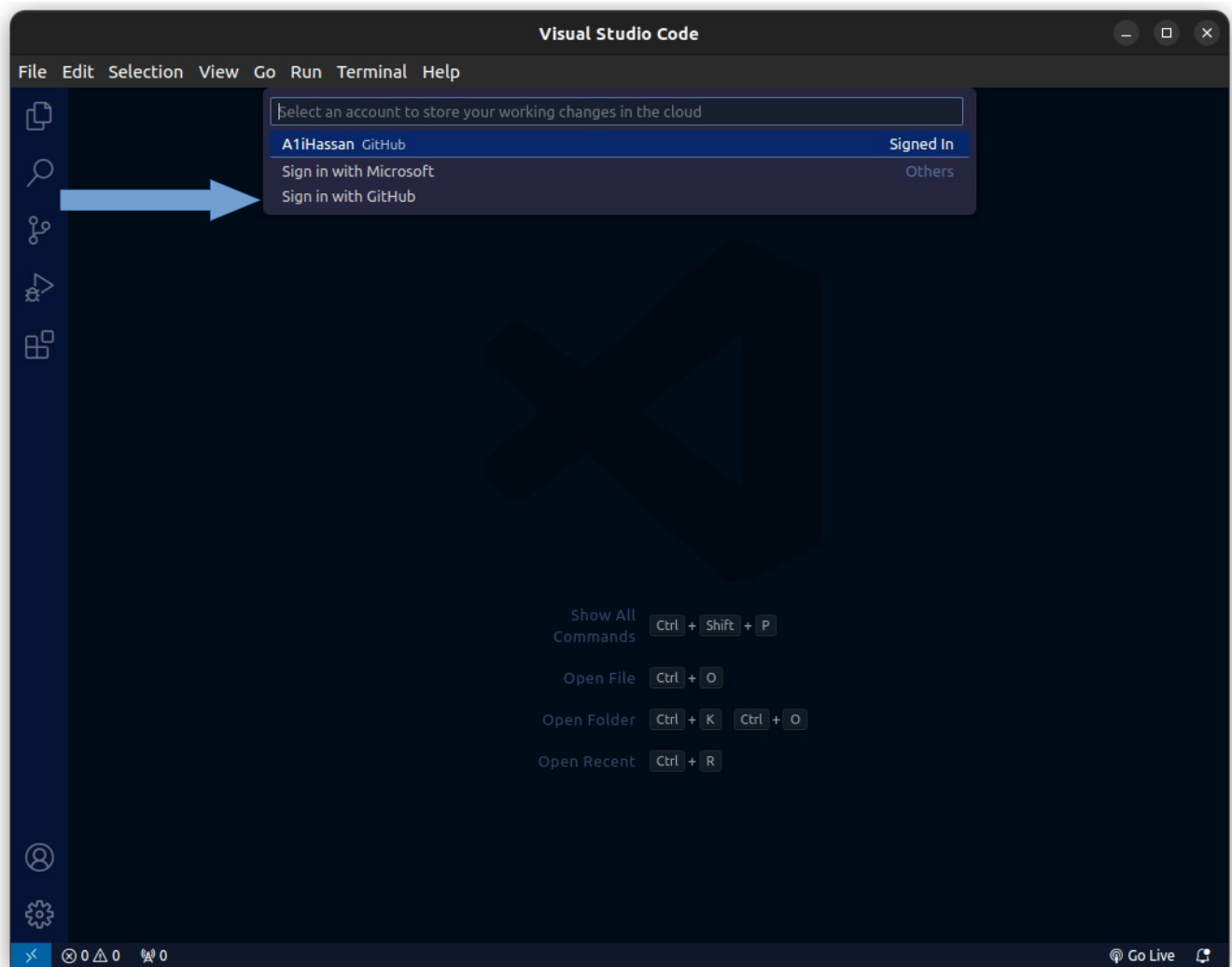
1. download the VS code application from the official website through the following link [VS code](#)
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2. after the installation, we will be connecting our text editor to our GitHub accounts to be able to interact with our working repositories easily. We will do so through the following steps:
 - Click on the account icon on the bottom left on the screen:



- Then we will go to the “Turn on Cloud changes” option:



- From there, we click on the “sign in with GitHub” option:



- After that just follow with the steps of giving VS code the permission to access your account on GitHub and we will be ready to go. After going through the process, you should be able to see the user name of yours as shown in the previous picture.

After doing the previous steps, you would've done the first step of preparing the environment that we will be working in to be able to go through a smooth process of coding.

One extra tip, once the GitHub steps are done, we will from then interact with our files through the terminal/command line that is provided within VS code. You can open it with the following keyboard shortcut `Ctrl + Shift + ~`.