Optional Lab: Setting Up the Development Environment Using Visual Code Studio

Estimated Time: 30 minutes

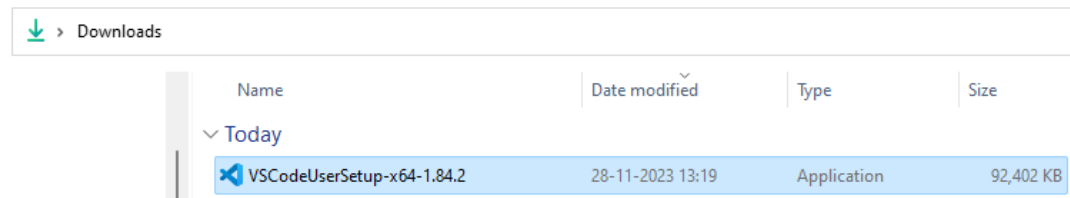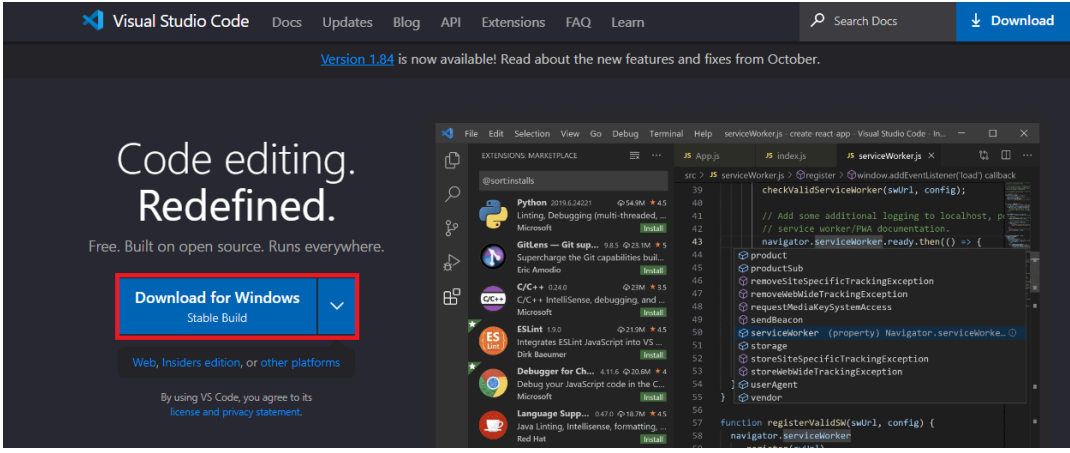In this lab, you'll learn how to install Visual Studio Code, Intellicode, and Code Spell Checker.

Learning Objectives

After completing this lab, you should be able to perform the following tasks:

- Install Visual Studio Code (VS Code)
- Install IntelliCode in Visual Studio Code
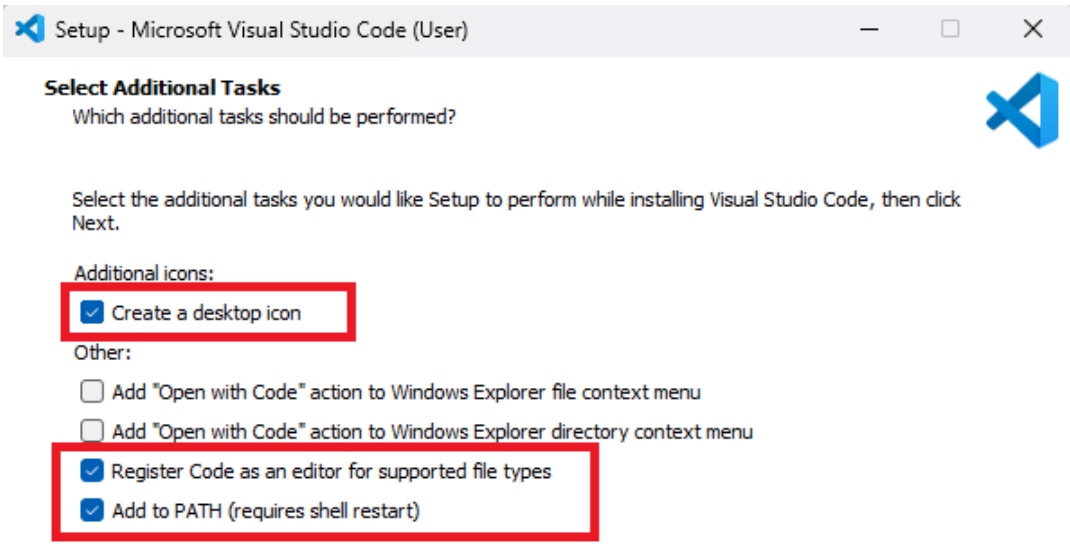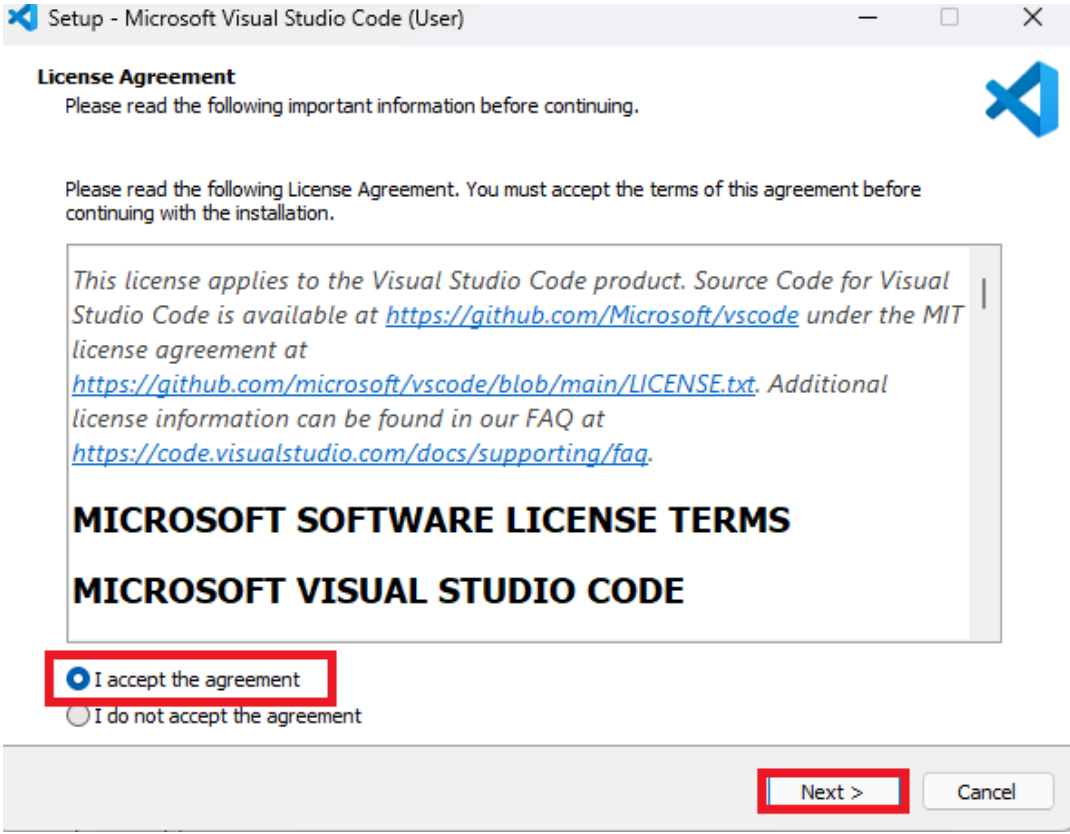- Code Spell Checker in Visual Studio Code

Task 1: Visual Studio Code Installation

Step 1: Open your web browser and navigate to the official Visual Studio Code website: Visual Code Studio Installation. Click on the **Download for [your operating system]** button to download the installer.
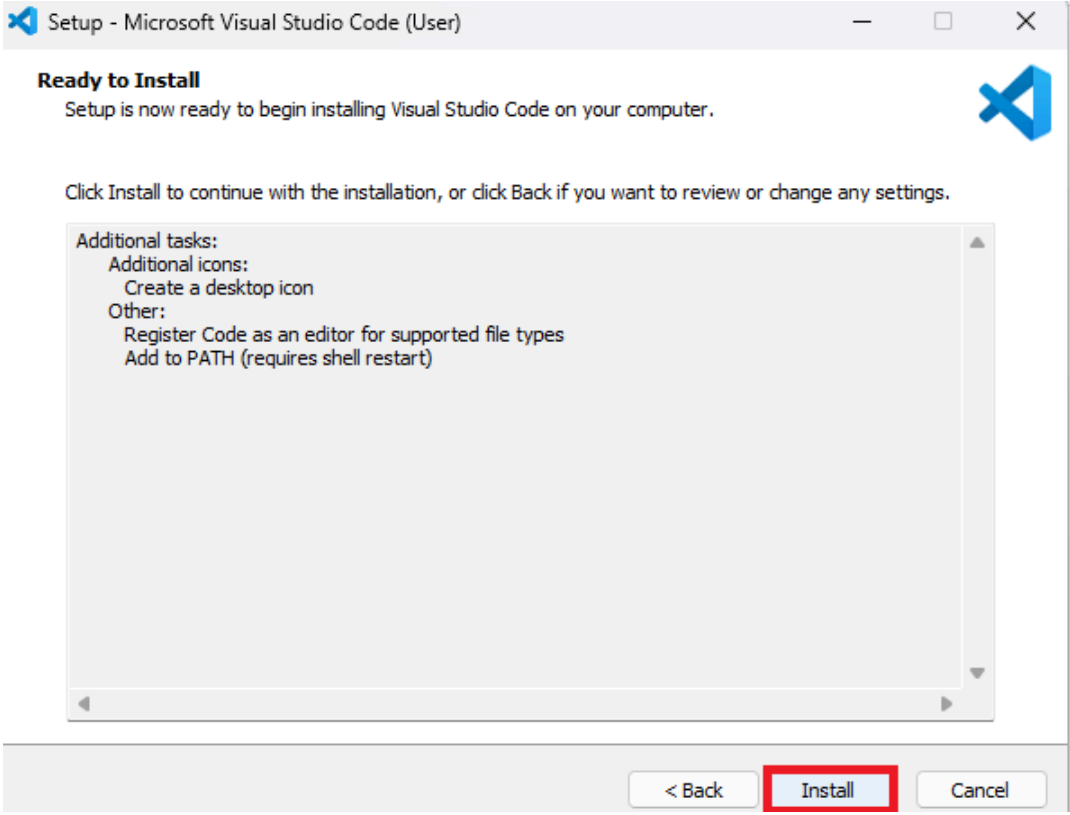

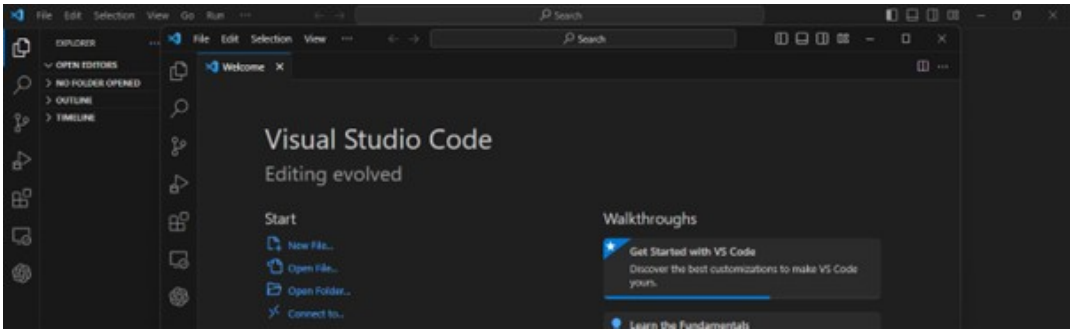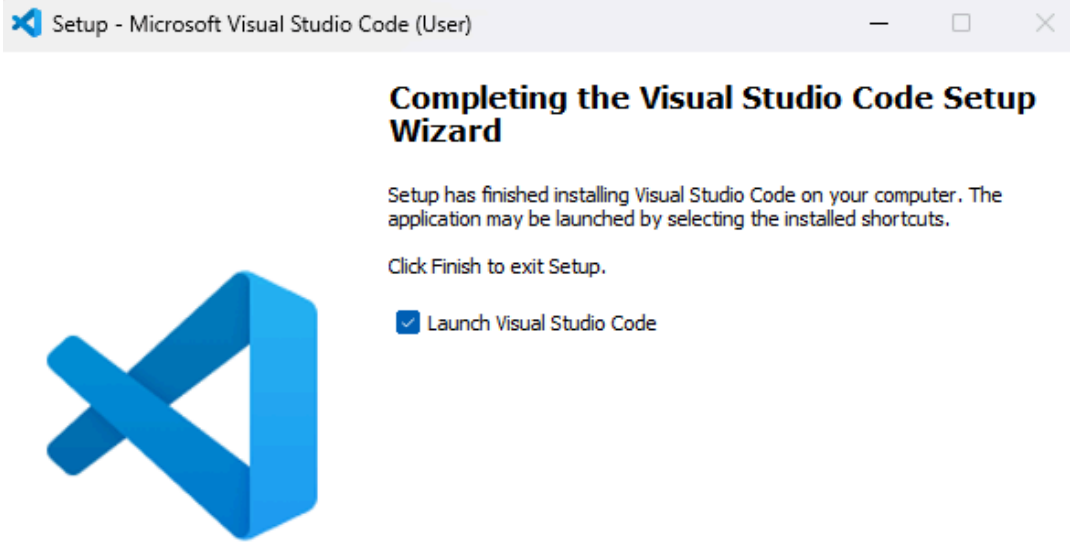*Note: For Visual Studio Code Installation for Mac please check this link: Visual Code Installation for Mac*

Step 3: Once the Installer is launched, you'll be prompted to agree to the terms and conditions of Visual Studio Code. Select the **I accept the agreement** option and proceed by clicking the Next button.

Step 5: When it requests you to initiate the installation setup, select the **Install** button.

Step 6: On clicking Install, the installation of Visual Studio Code on your device will take approximately 1 minute to finish. Once the installation setup for Visual Studio Code is completed, a window similar to the screenshot shown below will appear. Click **Finish**

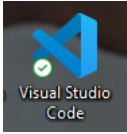## Task 2: Installing IntelliCode in Visual Studio Code

IntelliCode is an extension for Visual Studio Code that brings intelligent code completion and suggestions to the development environment.

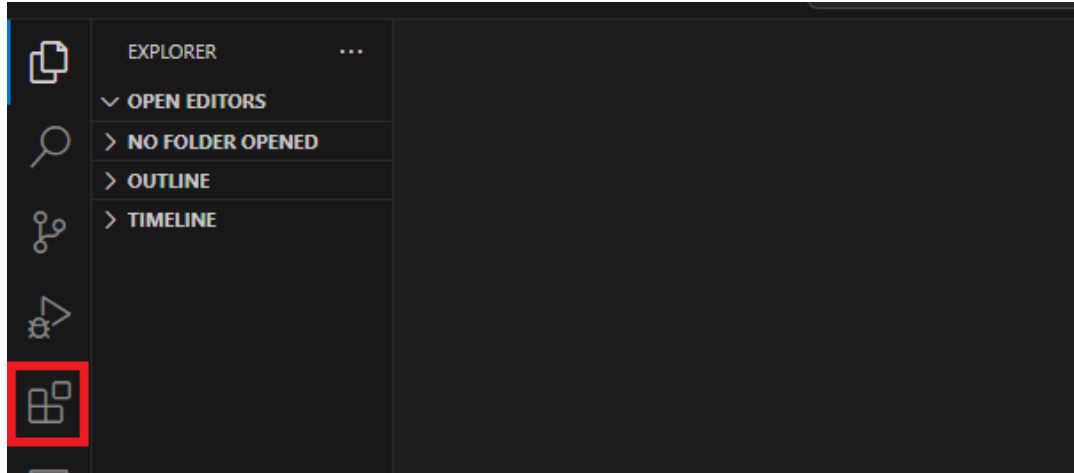Step 1: Locate the Visual Studio Code Application:

On Windows: Look for Visual Studio Code in your Start Menu or search for it in the Taskbar.
On macOS: Check your Applications folder. You can also find it using Spotlight search (press Cmd + Space and start typing "Visual Studio Code").
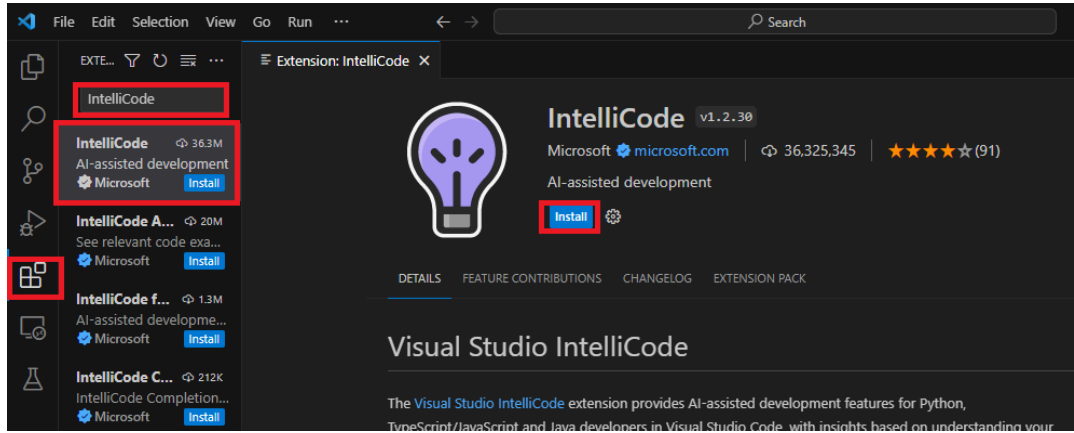
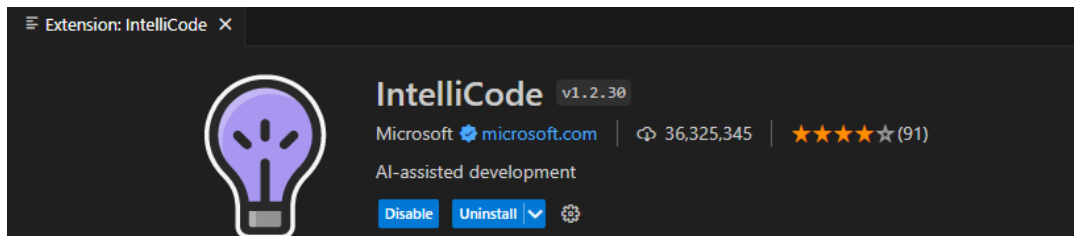Double-click the Visual Studio Code icon.

Step 2: Go to the Extensions view by clicking on the Extensions icon in the Activity Bar on the side of the window. Alternatively, you can press Ctrl+Shift+X (Windows/Linux) or Cmd+Shift+X (Mac). You can also go to View-> Extensions.

Step 3: Search for the **IntelliCode** extension in the available extensions list. Select it, and then click the **Install** button adjacent to the **IntelliCode** extension to initiate the installation process.
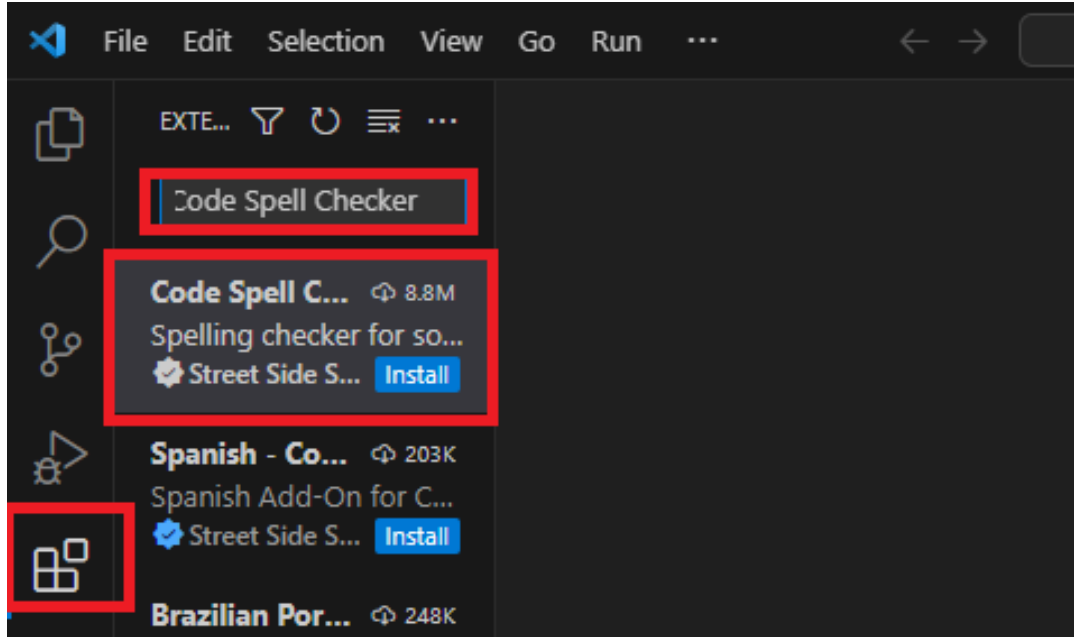

Step 4: Upon completion of the installation, you'll see the window as shown in the screenshot below.

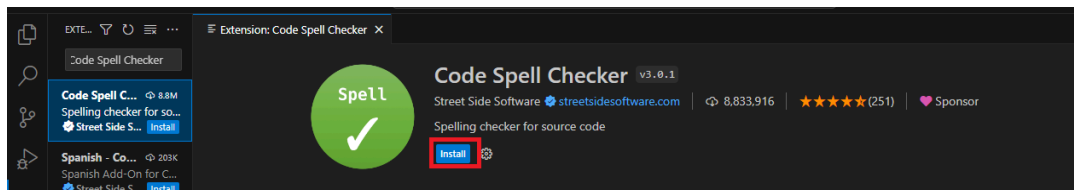Restart the Visual Studio Code for the changes to take effect.

Task 3: Installing Code Spell Checker in Visual Studio Code

The Code Spell Checker is an extension in Visual Studio Code designed to assist developers in identifying and correcting spelling errors within their code.
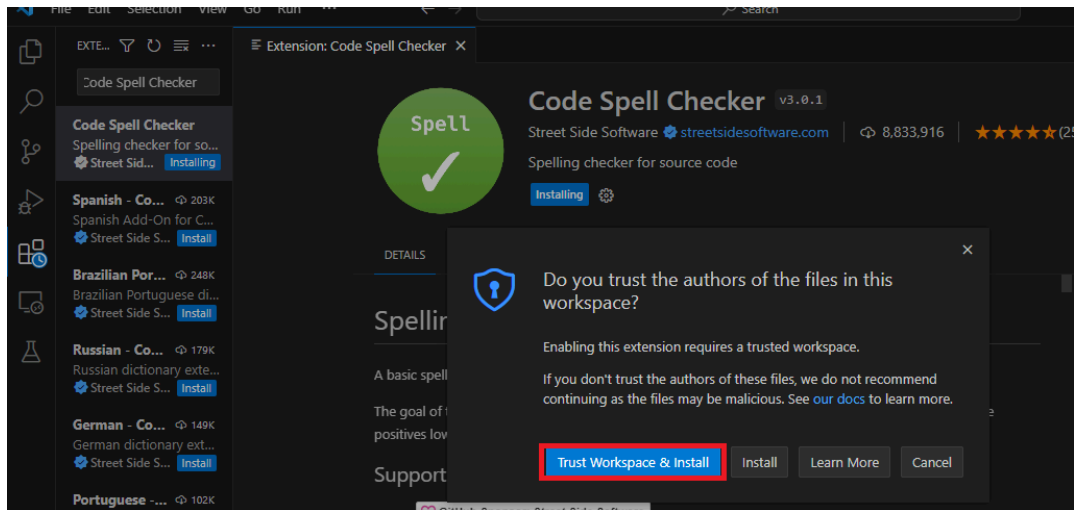
Step 1: In the Extensions view, search for **Code Spell Checker** in the search bar. Look for the **Code Spell Checker** extension in the search results and select it.
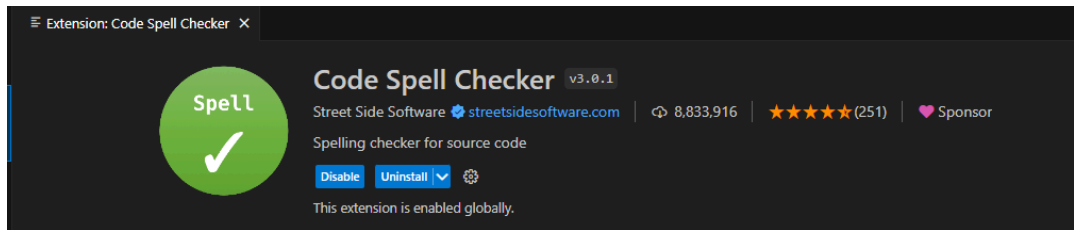

Step 2: To begin the installation, click the **Install** button next to the Code Spell Checker extension.

Step 3: Select **Trust Workspace and Install**.

Step 4: Once the installation is completed, you'll see the window as shown in the screenshot below. Restart the Visual Studio Code for the changes to take effect.

Congratulations! You just completed this lab successfully on Setting up the development environment using Visual Studio Code.

Summary

In this lab, you set up Visual Studio Code for coding, added IntelliCode for intelligent code completion, and integrated Code Spell Check for error-free programming.