**Setting Up the Environment  
• Install Git and VS Code.**

Learn how to install Git and VS Code so that you can use them!

Installing Git

Install Git from the following link: <https://git-scm.com/downloads>

Installing VS Code

Install VS Code from the following link: https://code.visualstudio.com/download

**• Configure Git within VS Code (user name, email).**

**Creating and Cloning a GitHub Repository  
• Create a new repository on GitHub.**

Create a new repository

Name the repository

Create the repository **• Clone the repository using VS Code's integrated Git support.**

Open the source control panel in VS Code’s sidebar (ctrl+shift+g)

Select to “Clone Repository”

Authenticate with GitHub by logging in

Select the GitHub repository you just created

**Basic Git Operations in VS Code  
• Perform basic Git operations: status, add, commit, push, and pull through the VS Code GUI.**

**Branching with VS Code  
• Use VS Code to create and switch between branches.  
• Understand the concept of branching for feature development or bug fixes.**

**Working with Remote Repositories  
Add and manage remote repositories directly from VS Code.  
Push to and pull from these remotes using the VS Code interface.**

**Pull Requests and Code Reviews within VS Code  
• Create pull requests using GitHub and VS Code.  
• Review and discuss pull requests.**