**Using Visual Studio Code to connect to GitHub.**

**Prerequisites**

1. Install Visual Studio Code.
2. Install the GitHub Pull Requests and Issues extension.
3. Create new repository on GH “vs-integration” and initialize README file.

 **Connect to GitHub**

* Open Visual Studio Code.
* Install the GitHub Pull Requests and Issues extension from the Extensions view (Ctrl+Shift+X).
* Sign in to your GitHub account when prompted.
* Open the Command Palette (Ctrl+Shift+P) (View 🡪 Command Palette) and type Git: Clone.
* Enter the repository URL and select a folder to clone the repository.

 **Create a Branch**

* Open the Source Control view (Ctrl+Shift+G).
* Click the ellipsis (...) and select Branch > Create Branch.
* Enter the branch name and press Enter.

 **Update Multiple Files**

* Open the Explorer view (Ctrl+Shift+E).
* Open the first file you want to update, make your changes, and save the file.
* Repeat for the second and third files, making changes and saving each one.

 **Commit Only One File**

* Open the Source Control view (Ctrl+Shift+G).
* You will see a list of modified files.
* Right-click on the files you do not want to commit and select Discard Changes. This will keep the changes in your working directory but will not include them in the commit.
* Alternatively, you can stage only the file you want to commit by right-clicking on it and selecting Stage Changes.
* Enter a commit message describing the changes.
* Click the checkmark icon to commit the staged file.

 **Push Changes**

* In the Source Control view, click the ellipsis (...) and select Push.

 **Create a Pull Request (two ways)**

* Click on the GitHub icon in the Activity Bar on the left-hand side to open the GitHub Pull Requests view.
* Click on the + icon next to "Pull Requests" in the GitHub Pull Requests view. This will open the "Create Pull Request" form.
* Another way to create Pull Request: Open the Command Palette (Ctrl+Shift+P) and type GitHub: Create Pull Request.
* Follow the prompts to select the branches and fill in the details for the pull request.
* Click Create.

 **Merge Pull Request**

* Open the pull request on GitHub in your web browser.
* Review the changes and click Merge Pull Request.