

Assignment 1

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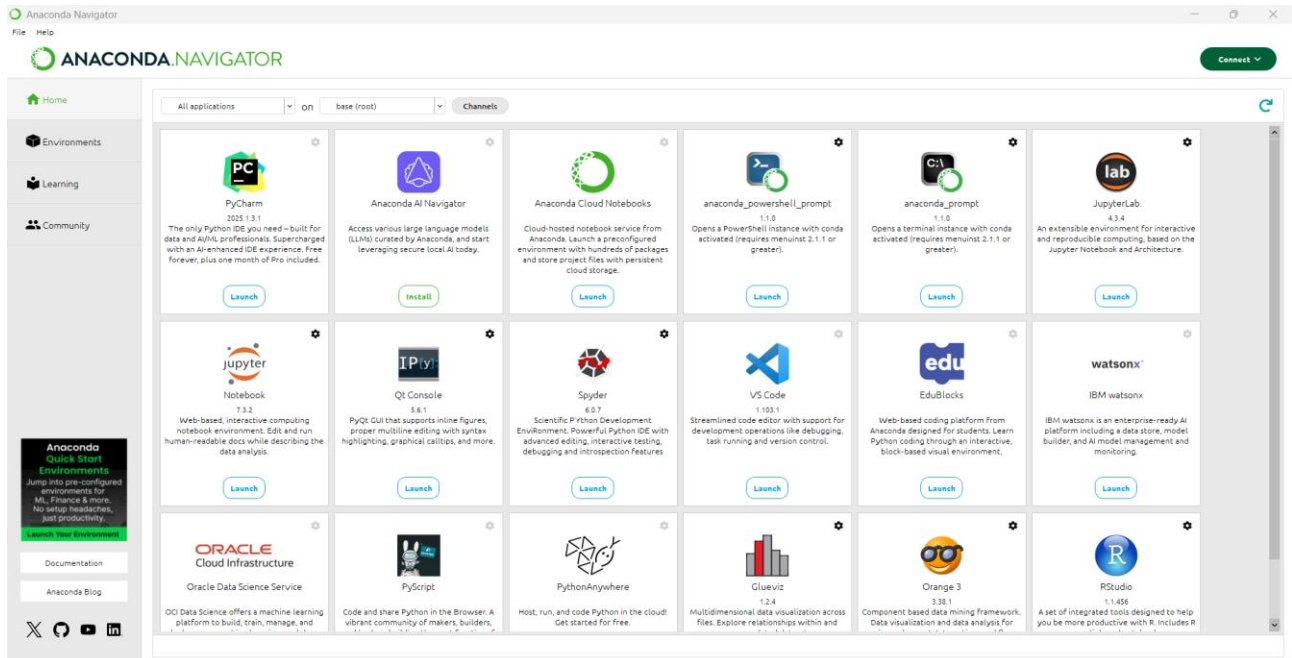
1. Install Anaconda

Anaconda is a distribution that makes it easy to manage Python environments and packages.

Steps:

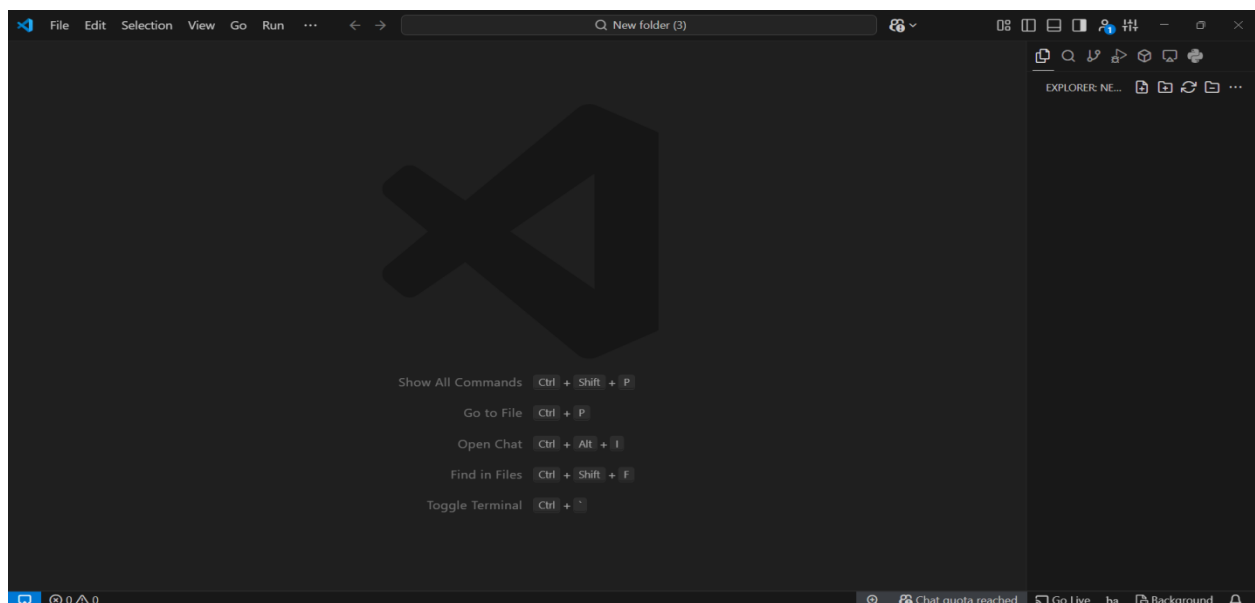
1. Go to the Anaconda official website.
2. Download the installer for your operating system (Windows/Mac/Linux).
3. Run the installer:
 - On **Windows**, check “**Add Anaconda to PATH**” if asked (recommended).
 - Choose **Just Me** unless you want it for all users.
4. After installation, open **Anaconda Navigator** or **Anaconda Prompt** to verify.

`conda --version`



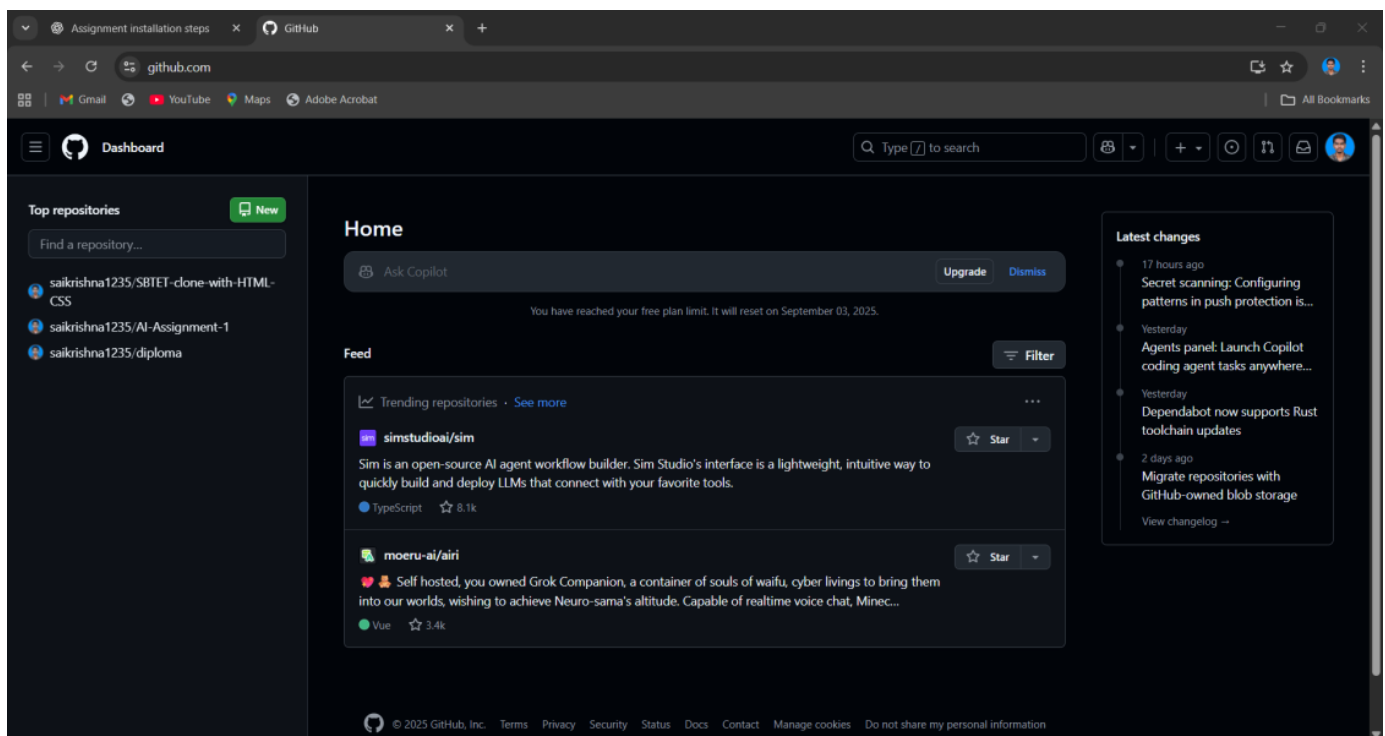
2. Install Visual Studio Code (VS Code)

1. Download from VS Code official site.
2. Run the installer:
 - Select **Add to PATH** and **Register Code as an editor** during setup.
3. After installation, open VS Code.



3. Create a GitHub Account

1. Go to [GitHub Sign Up](#).
2. Click **Sign up**.
3. Enter:
 - Email
 - Username
 - Password
4. Verify your account (GitHub might ask for CAPTCHA or email confirmation).
5. Once done, you have your GitHub profile ready.



4. Install GitHub Copilot in VS Code

GitHub Copilot is an AI coding assistant.

Steps:

1. Open **VS Code**.
2. Go to **Extensions Marketplace** (left sidebar or press Ctrl+Shift+X).
3. Search for **GitHub Copilot**.
4. Click **Install**.
5. After installation:
 - Sign in with your **GitHub account**.
 - Grant permission for Copilot to access VS Code.
6. Restart VS Code.
7. Now, when you type code, Copilot will suggest completions.

