**Theory: GitHub API Integration**

**Introduction to GitHub API**

**The GitHub API allows you to interact with GitHub programmatically. It provides access to most of the features GitHub offers through its web interface, such as creating repositories, managing issues, creating pull requests, and retrieving user data.**

**Key Features of the GitHub API:**

1. **Repositories: You can list, create, update, or delete repositories.**
2. **Issues: You can interact with issues and pull requests associated with repositories.**
3. **Pull Requests: You can create, manage, and retrieve pull requests.**
4. **User Data: You can fetch information about users, such as their repositories, followers, and other details.**