## Demo: Performing Code review and refactoring with Github Copilot

You can perform code review using Github Copilot. It helps you to verify the code is following best practices, following naming convensions, doing vulnerability checks and proper error handling.

## **Prerequsitites**

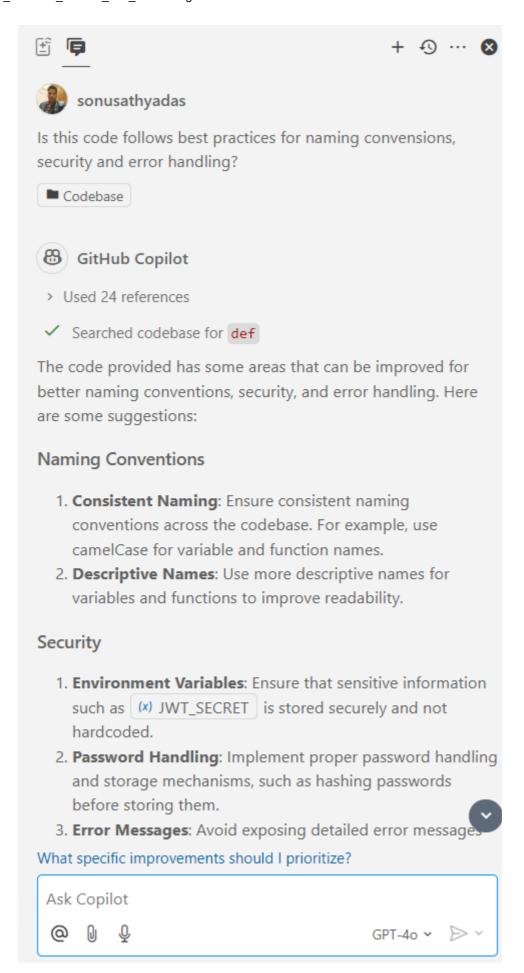
- VS Code
- GitHub Copilot extension for VS Code
- GitHub Copilot subscription
- NodeJS 18 or later
- Book API project

## Code review and refactoring

- 1. Open the book-api project in VS Code.
- 2. Open the Copilot Chat window and refer the codebase by clicking the attachment icon.
- 3. Run the following prompt in the chat.

Is this code follows best practices for naming convensions, security and error handling?

4. This will analyze the entire project and displays the results of analysis based on naming convensions, security best practices and error handling.



5. This will also show the suggestions for improvements on this area. If any improvements are required, Copilot will show the suggested code in the Chat window.



6. Click on the Apply in Editor icon to refactor the existing code and update the code files.