



Introduction

1 minute

In this module, you learn how to build an application using GitHub Copilot Agent Mode within a GitHub Codespace and the VS Code IDE. You explore how to effectively prompt Agent Mode to autonomously create new applications, use documentation files to clearly guide its behavior, and harness its powerful iteration capabilities. Specifically, you see firsthand how Copilot Agent Mode intelligently interacts with your code base to detect and fix errors, refactor existing code for better maintainability, and autonomously develop new features that allow you to focus more on innovation and less on repetitive coding tasks.

Learning objectives

By the end of this module, you are able to:

- Understand how to develop with VS Code IDE in a GitHub Codespace
- Prompt GitHub Copilot agent mode to create an application
- Use documentation files to instruct GitHub Copilot agent mode
- Understand how GitHub Copilot agent mode iterates over a code base to:
 - Fix errors
 - Refactor code
 - Develop new features

Prerequisites

- A GitHub account and a fundamental understanding of GitHub Copilot
- Include any concepts or skills that will help learners succeed

Next unit: What is GitHub Copilot Agent Mode?

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