

AI-Driven Development – 30-Day Challenge

Task 10 – Official Submission

Deadline: 3 Days

Slot: Friday – 6:00 PM to 9:00 PM

Instructor: Sir Hamzah Syed

Task Objective

Students will learn and create Claude Code Skills and Sub-Agents for generating a book.

Completing this task will also help you prepare for the upcoming Hackathon.

Understanding the Concepts

What are Sub-Agents?

Sub-Agents are specialized AI agents that work together under a main orchestrator to handle different parts of a complex task.

For example, in book writing:

- One sub-agent researches
- Another writes
- Another edits
- The orchestrator coordinates them all

Study Materials

For Task 10 (Sub-Agents):

[Claude Code Sub-Agents Documentation](#)

Creating and Orchestrating Sub-Agents

Learn how to create and orchestrate Sub-Agents that work together to write a complete book.

Steps:

1. Study the Sub-Agents and Orchestration documentation
2. Create a book writing Sub-Agent that includes:
 - Main Orchestrator Agent
 - Research Sub-Agent
 - Writing Sub-Agent
 - Editing Sub-Agent

- **Formatting Sub-Agent**

 **Tip:** Focus on building Sub-Agents that collaborate efficiently and cover all key aspects of book writing.

Submission Instructions

Students must submit:

- A clear screenshot of your VSCode Explorer showing the complete .claudecode directory structure
- Submit your .md file in the 30-Day Challenge channel

 **Submissions anywhere else will not be counted**

Prepared by: Asma Yaseen – Coordinator

Supervised by: Sir Hamzah Syed