

# 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**