

# AI-Driven Development TASK 1

## Reflection Activity

### 1. What does AI-Driven Development mean to me?

AI-Driven Development is like my personal worker whom I can collaborate to achieve the task that I want to. And why it is helpful for me because:

- It increase my productivity speed 10x faster. As, I'm orchestrating and focusing on what actually I want to build or develop.
- I'm no longer needed to learn syntax and pattern as it follows a pattern that is actually best.

From early phase when **AI** just used in writing small functions, doing small task and auto complete code. Now, it is way more smarter than before I can not only just create a full product that takes a team of expert developer to create and a time period of a month. Now, I can create it individually at most in weeks. It is not only my working partner, but it is also my teacher from which I understand and learn while also making product.

While working with **AI Agents CLI** like Gemini CLI, Qwen Code and Claude Code. It enhance my productivity speed as My job is to only provide instruction "**What to create and how should I operate.**" Rather that takes a lot of time just to type code. It will write code, find bugs, add comments, test and deploy.

**In short, AI agent is now my working partner, my teacher and also my advisor.**

### 2. How do you see the future of Human–AI Collaboration in software development?

Before, I address this question I would like to tell more about as what every person has in their mind: "**Does AI will replace human?**".

The answer will be "**NO**", AI will not replace human. Either think of a time when Industry Revolution came most of the people thinks at that time machine will replace humans but machine does not replace humans either humans were operating machine instead.

In this same concept we will be collaborating with AI to achieve our desire task. Where, we will reason ourselves "**What to do?**" and AI agents will answer it by itself "**How to do?**". We will only be orchestrating agents in a best way possible so that we can get the desire output we want.

**In short, Human–AI collaboration in software development will become normal and essential. AI will handle most repetitive coding, debugging, documentation, and refactoring, while humans focus on architecture, creativity, problem-solving, and quality control. Development cycles will be faster, teams smaller, and products more reliable. The future is human oversight + AI automation, not replacement.**

## **Self-Test (MCQs)**

**1. What is the main purpose of the AI-Native Era?**

- a) Replace developers
- b) Empower developers through AI tools**
- c) Eliminate coding
- d) Automate testing

**2. What defines an AI-driven developer?**

- a) Writes only syntax
- b) Creates context-aware prompts**
- c) Avoids tools
- d) Works offline

**3. What does “AIDD” stand for?**

- a) AI-Integrated Data Design
- b) AI-Driven Development**
- c) Automated IDE Deployment
- d) Adaptive Input Debugger

**4. What is the focus of Evaluation-Driven Development (EvDD)?**

- a) Manual coding
- b) Evaluating and improving AI outputs**
- c) UI design
- d) Testing only

**5. What should developers focus on in the AI era?**

- a) Syntax only
- b) Building reasoning + evaluation skills**
- c) Avoiding AI tools
- d) Manual workflows