AIDD 30 Days Challenge Task: 1

AIDD (AI-Driven Development)

What I Understand by AIDD (AI-Driven Development):

AIDD (AI-Driven Development) is a new era of Development. In the recent past we (Developers) used to code in the traditional way which everyone was using and some are still on that right now.

Traditional Way of Coding:
In this the developers write the syntax (code), the machines than executes it.
The Dev owns the details and is the only alone coder.

The difference between AIDD and Traditional Coding:
But, while practicing AIDD we have a partner with us. In this **AI** (any CLI Agent) is our partner.

How?
Let me explain, In AIDD we build the architecture of the product in the form of specifications.
And we achieve this with our AI coding assistant. It could be any of the AI's CLI version.
Paid: Claude (Anthropic), Codex (OpenAI)
Free: Gemini (Google), Qwen (Ali Baba)
In AIDD we write the specification which includes the complete the details of our desired output and our AI partner than implements it and also it validates the result.

Advantages of AIDD:
Following are the advantages we can take through AIDD:

- A process of development which can take for example some weeks now we can achieve it in a few days.
- As we are using the AI so the quality of code becomes consistent.
- finding bugs is the most boring thing ever, so in our case is our Partners' Headache. Our CLI Agent will figure them out and will fix right after it occurs.

Self Testing MCQs

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

What defines an AI-driven developer?

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

What does "AIDD" stand for?

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

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

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

What should developers focus on in the AI era?

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

End of Day reflection

By the end of this assignment I learned that how important skill AIDD (AI-Driven Development) is. Why should the new developers learn this technique to boost the productivity by **10x.**
2025 is a truely a turning point of this era this empowers our skills using AI. So, no longer just the thousand lines of code, but a smart move to make our AI our partner.

Note: I preferred writing this assignment in English so any one from the entire world can easily understand and learn with me.