AIDD 30-Day Challenge — Day 1

AI-Native Turning Point — Study Notes & Reflection

Prepared by: **A. Siddiqui**

Slot: Friday — 6:00 PM to 9:00 PM

Instructor: Sir Hamzah Syed

Goal

Understand what AI-Driven Development (AIDD) means and how the October 2025 AI Turning Point transformed the role of software developers.

Key Concepts

1. AI Turning Point (Oct 2025): A moment when AI tools like ChatGPT, Gemini, and Claude made AI-assisted development fully mainstream.

2. Agentic AI: AI systems capable of reasoning, planning, and taking autonomous actions.

3. Evaluation-Driven Development (EvDD): A development method focused on evaluating, correcting, and improving AI-generated outputs.

4. Test-Driven Development (TDD): A classic coding workflow where tests are written before code — still essential in AI-era development.

5. AI Productivity Boom: Developers now experience 5–10× productivity through AI coding agents.

Reflection

To me, AI-Driven Development means working *with* AI as a thinking partner. Instead of spending energy on repetitive syntax, human creativity guides direction, logic, and decision-making.

AI speeds up code writing, testing, and exploration. The future feels like a shared workspace where humans set the vision and AI helps build it faster and smarter.

Self-Test (MCQs Answers)

1. b

2. b

3. b

4. b

5. b

End-of-Day Reflection

"Today I understood that AI is not replacing developers — it's transforming how we think and create. The 2025 Turning Point showed that real development now centers on reasoning, collaboration, and strategy."

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Supervised by: Sir Hamzah Syed

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