# Assignment 15.1

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ROLL NO – 2503A52L20

Batch – 16

A close-up of a list

AI-generated content may be incorrect.

Prompt:

Create a Python student management system with full CRUD operations. Use in-memory storage with JSON persistence. Include: list all students, add new, update details, delete. Pure Python only - no frameworks. Add interactive CLI menu.

Code:

A screen shot of a computer program

AI-generated content may be incorrect.

A screenshot of a computer program

AI-generated content may be incorrect.

Output:

A computer screen shot of a computer screen

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.

A white paper with black text

AI-generated content may be incorrect.

Prompt:

Build a Python library book management system with: get all books, add new books, get book details, update book info, delete books. Include book availability, borrowing system, and search. Pure Python with JSON storage and CLI interface.

Code:

A screen shot of a computer

AI-generated content may be incorrect.

A screen shot of a computer program

AI-generated content may be incorrect.

Output:

A screenshot of a computer program

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Prompt:

Create a Python employee payroll system with: list employees, add employees with salary, update salaries, delete employees. Include salary components (base, bonus, allowances), departments, and employment types. Pure Python with CLI and data persistence.

Code:

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Output:

A screenshot of a computer

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AI-generated content may be incorrect.

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Prompt:

Develop a Python food ordering system with: view menu, place orders, track order status, update orders, cancel orders. Include order status workflow, real-time tracking, menu categories, and restaurant dashboard. Pure Python with interactive CLI.

Code:

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Output:

A screenshot of a computer

AI-generated content may be incorrect.

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AI-generated content may be incorrect.