

==== Design Pattern Demonstration ====

1. Singleton Pattern
2. Factory Pattern
3. Observer Pattern
4. Strategy Pattern
5. Adapter Pattern
6. Decorator Pattern
7. Run Tests
8. Exit

--- Singleton Pattern Demonstration ---

Manager 1 and Manager 2 are the same instance: Yes

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Enter your choice: 2

--- Factory Pattern Demonstration ---

Enter order type (DineIn / Takeaway / Delivery): DineIn

Created order: DineIn

Processing dine-in order...

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Enter your choice: 3

--- Observer Pattern Demonstration ---

Enter customer name for notification: Mohona

Customer [Mohona] notified: Order ready

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Enter your choice: 4

--- Strategy Pattern Demonstration ---

Enter the payment amount: 20

Enter payment method (Cash / Card): Cash

Paid BDT 20 using Cash.

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Enter your choice: 5

--- Adapter Pattern Demonstration ---

Enter the payment amount using third-party gateway: 10

Paid BDT 10 using Third Party Gateway.

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Enter your choice: 6

--- Decorator Pattern Demonstration ---

Preparing base order...

Adding special request to the order...

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Enter your choice: 7