

Mini Order Management System

1. Candidates must not use Google, ChatGPT, or any online AI/code assistant.
Any evidence of AI-assisted answers will result in disqualification.
 2. Do not copy code from tutorials, GitHub, or any online sources.
 3. Duration : 2:00 hours
 4. **Before starting the test, create a Public GitHub repository with your GitHub account.**
 5. **After completing each section, make a commit to your GitHub repository.**
 6. **Share this repository link at the end of the test.**
 7. **Test Submit on email: o7services026@gmail.com**
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Scenario

You are building a **mini order system** for a stationery and printing shop. The shop wants to:

- Take orders through a simple web form
 - Apply basic discounts and taxes
 - Generate a clear order summary/invoice
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Section 1 – Stationery Items Form

- Product dropdown: Pen ₹10, Notebook ₹50, Stapler ₹120, Marker ₹30
- Quantity input
- Unit price auto-filled based on product
- **Simple discount:**
 - 10% discount if quantity > 20
 - Otherwise no discount

Deliverable:

- Display **Product, Quantity, Unit Price, Subtotal, Discount, Total**
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Section 2 – Printing Services Form

- Input: Number of pages
- Print Type: Black & White (₹5/page), Color (₹10/page)
- Urgent Delivery checkbox (+₹50 if checked)
- **Simple discount:**
 - 10% discount if pages > 100

Deliverable:

- Display **Pages, Print Type, Urgency Fee, Subtotal, Discount, Total**
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Section 3 – Combined Calculation & Tax

- Calculate **subtotal for stationery** and **subtotal for printing**
- Apply **tax 10%** on total (simplified)
- Add **fixed delivery charge ₹50**

Deliverable:

- Display **Grand Total** = Stationery + Printing + Tax + Delivery
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Section 4 – Order Summary / Invoice

- Show **Customer Name** and **Order Date**
- Show tables for **Stationery** and **Printing** items with totals
- Show **Tax, Delivery Charge, Grand Total**
- Generate a **simple unique Order ID**

Logical Thinking:

- Ensure all totals match the order items
- Display a clean and readable summary