## **Step 3: Algorithm (Plan the Logic)**

- 1. Display menu
- 2. Ask for user selection:
  - $\bullet \quad \text{Add item} \to \text{update cart}$
  - View cart → show contents
  - Checkout → calculate subtotal, apply tax (10%), and optional student discount (5%)
  - Exit  $\rightarrow$  terminate the program
- 3. If both food and drink  $\rightarrow$  apply meal deal (optional choice)
- 4. Print the receipt