BILLING SYSTEM IN C — EXPLANATION

1. Structure Item

A structure named Item stores name, price, and quantity of an item. This allows grouping item-related data into one unit.

2. Array for Items

items[50] stores up to 50 items. count tracks how many items are added.

3. Menu Loop

An infinite loop displays options: Add Item, View Bill, or Exit. The loop continues until the user chooses Exit.

4. Option 1 — Add Item

The program reads item name, price, and quantity, then stores them in the array. count increments.

5. Option 2 — View Bill

The program loops from 0 to count−1, calculates amount = price × quantity for each item, prints the items, and calculates the grand total.

6. Option 3 — Exit

Ends the loop and terminates the program.

Overall Flow

Users add items → Program stores them → On View Bill, it prints all items with totals → Exit ends program.