Algorithm for Modified Program

Step 1: Start.

Step 2: Display Store Name.

Step 3: Get user input for following choices:

1. Go shopping.
2. View products in Stock with Prices.
3. Add products to stock.
4. Exit

Step 4: IF (choice = 1) THEN

{

1. Display special offers and discounts available.
2. Display a table of Product no. **,** Product Name , and it’s unit price.
3. Input Product no. which consumer wants to buy.
4. Input quantity of the Product selected.
5. Display the details of the products slected.
6. Total =unit\_price \* quantity
7. Total cost of bill= Sum of total

}

Step 5: ELSE IF (choice = 2) THEN

{

Display the details of stock remaining in the store.

}

Step 7: ELSE IF (choice = 3) THEN

{

1. Display Product no., Product Name and it’s stock.
2. Ask user to input Product no. of the product whose stock is to be added.
3. Ask the quantity to be added.
4. Store the quantity added.

}

Step 8: ELSE IF (choice = 4) THEN

{

1. Exit the execution.

}

Step 9. ELSE

{

Display “Your Choice is incorrect.”

}

Step 10: Stop.