**While loop**

**1. Bank Account Withdrawal**

**Scenario:**  
Simulate an ATM system where the user can withdraw money as long as their account balance is sufficient. The system should:

* Prompt the user to enter a withdrawal amount
* Deduct the amount if sufficient funds are available.
* Exit the loop if the user enters 0 or their balance is 0.

**Requirements:**

* Use a while loop to manage withdrawals.
* Validate that the withdrawal amount is positive and does not exceed the balance.

**Sample Output:**

Your current balance is $1000.

Enter amount to withdraw (or 0 to exit): 200

Withdrawal successful. Remaining balance: $800

Your current balance is $800.

Enter amount to withdraw (or 0 to exit): 1000

Insufficient funds. Please enter a smaller amount.

Your current balance is $800.

Enter amount to withdraw (or 0 to exit): 0

Thank you for using the ATM.

**2. User Login Attempt**

**Scenario:** A system allows a user three attempts to log in with the correct password. If the user fails all attempts, they are locked out. Also validate that password must be at least of 8 digit

**Do while loop**

1.Write a C# program that prompts the user to enter a positive integer. The program should repeatedly ask the user for input until a valid positive integer is entered. If the user enters a non-positive integer (zero or negative), display a message asking them to enter a valid positive integer.

2.Write a C# program that: Allows the user to choose from a menu of coffee options. Asks for the quantity for the selected coffee. Calculates the cost of each coffee based on its price and quantity. Keeps a running total of the bill. Uses a do-while loop to ask if the customer wants to order another coffee. Displays the total bill and a thank-you message when the customer decides to exit.

Add optional toppings (like milk, sugar, or whipped cream).

Would you like to add toppings? 1. Milk (20) 2. Sugar (10) 3. Whipped Cream (25) 4. No toppings