**Assignment 2: Flowchart Creation - Design a flowchart that outlines the logic for a user login process. It should include conditional paths for successful and unsuccessful login attempts, and a loop that allows a user three attempts before locking the account**.

**ALGORITHM :**

1. Start

2. Make user to enter login

3. Check if the entered details are correct

4. If correct login successful and end the loop

5. If incorrect increase the count

6.Check if the count is less than 3 attempts

7.If yes display as error

8. If no display as account is locked

9. End of loop

**PSEUDOCODE:**

initialize attempts = 0

initialize max\_attempts = 3

initialize is\_locked = False

Start loop

enter username

enter password

If entered username and password are correct

Display Login successful

End loop

Else

Increment attempt Count by 1

If attempt Count = maximum Attempts

Display Account locked

Else

Display Incorrect username

**FLOWCHART:**

