

# Python\_Activity8.2

## Activity 3: User Login System (While Loop with Limited Attempts)

Create a simple login system that:

1. Sets a predefined username and password.
2. Allows the user to enter their username and password.
3. If the credentials are incorrect, they can try again (up to 3 times).
4. If they fail 3 times, they are locked out.
5. If they enter the correct credentials, they successfully log in.

### Steps to Implement:

1. Define a username and password.
  2. Use a `while` loop to allow up to 3 login attempts.
  3. If the user enters the correct credentials, print a success message and exit.
  4. If they fail 3 times, print a lockout message.
- 

## Activity 4: Multiplication Table Generator (For Loop with Range)

Create a program that:

1. Asks the user for a number between 1 and 10.
2. Uses a `for` loop to generate its multiplication table up to 10.
3. If the user enters a number outside 1-10, show an error and ask again.
4. Display the table in a structured format.

### Steps to Implement:

1. Ask the user for a number (1-10). Use a loop to ensure it's valid.
2. Use a `for` loop to generate the multiplication table.
3. Print the results in a neat format.