WEEKLY INTERNSHIP ASSIGNMENT I

Problem Description

A login system verifies whether a user can access an application by checking the entered username and password against stored credentials.

Algorithm: Login System

Step-by-Step Algorithm

1. Start
2. Display message: "Enter Username"
3. Read username
4. Display message: "Enter Password"
5. Read password
6. Compare entered username and password with stored credentials
7. If both username and password match
   - Display "Login Successful"
8. Else
   - Display "Invalid Username or Password"
9. End

Pseudocode: Login System

BEGIN

SET storedUsername ← "admin"
SET storedPassword ← "12345"

DISPLAY "Enter Username:"
INPUT username

DISPLAY "Enter Password:"
INPUT password

IF username = storedUsername AND password = storedPassword THEN
    DISPLAY "Login Successful"
ELSE

```
    DISPLAY "Invalid Username or Password"
END

END
```