Birla Institute of technology and Science, Pilani

GROUP J | SET – 8

Secured Authentication System

Computer Programming

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Video Explanation: *https://youtu.be/7WC9G1y0a-c*

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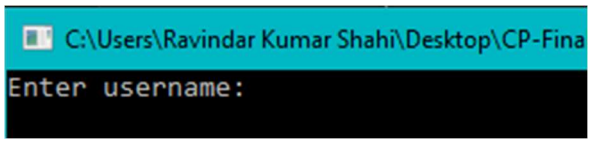
User Verification

SAS_BITS.exe offers login credential for five members of Group J.

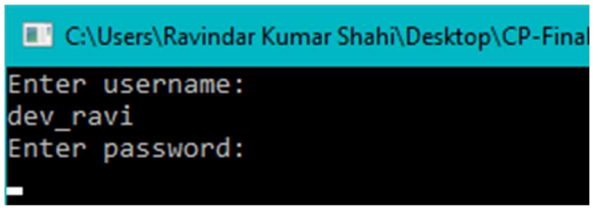
For more information about SAS_BITS, see "*This video demonstration*" and "*GitHub's repo*".

User Login

1. Open SAS_BITS.exe.
2. The Initial window appears and prompts for username,



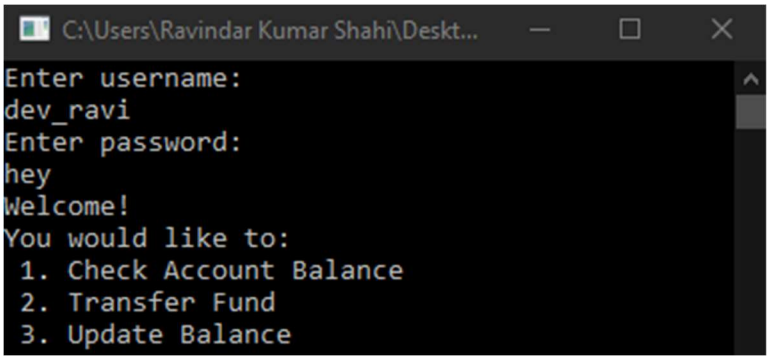
3. After entering username, it prompts for password:



Providing the valid credentials i.e., username and password, will take you to the welcome screen of SAS_BITS.

Welcome Screen

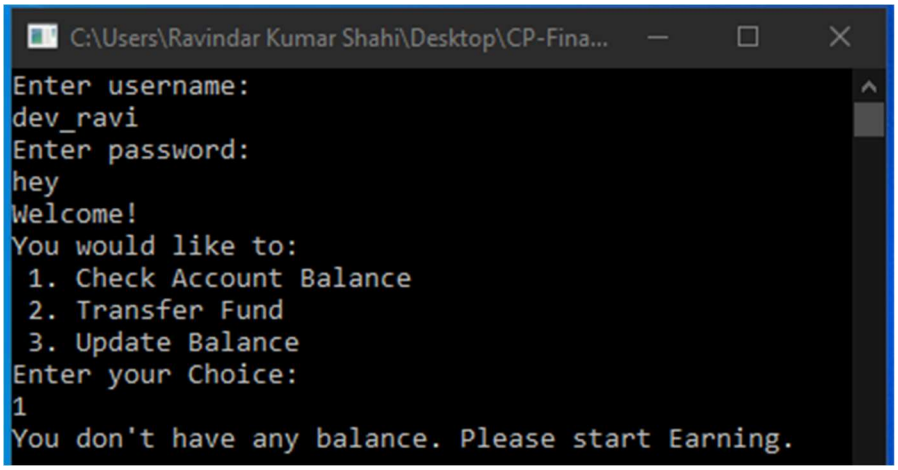
1. After validating the legitimate credentials, users will see the welcome screen as soon below:



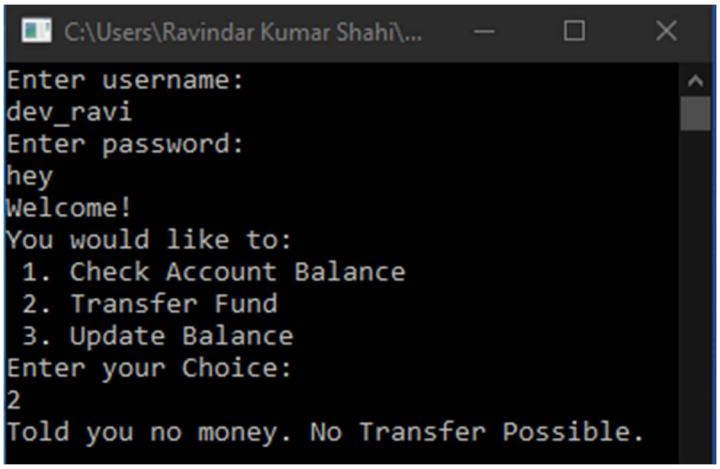
Welcome screen has three options:

1. Check Account Balance
2. Transfer Fund
3. Update Balance

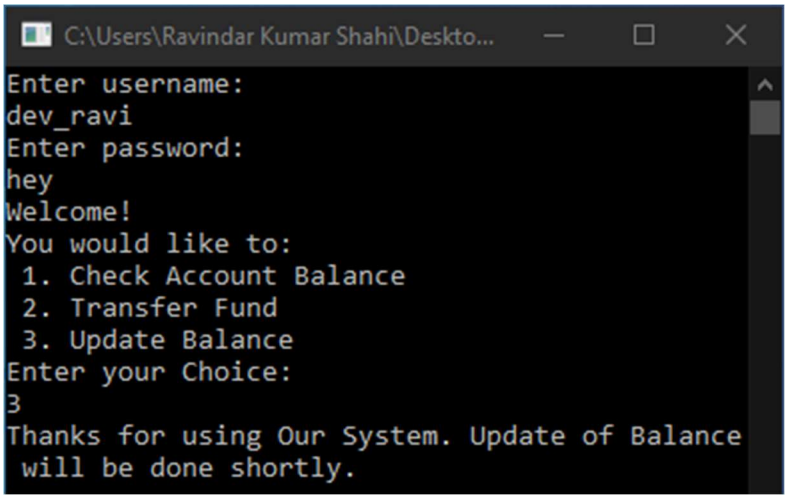
2. Selection of these options are by **numbers 1, 2** and **3**.
   a. Choice 1:



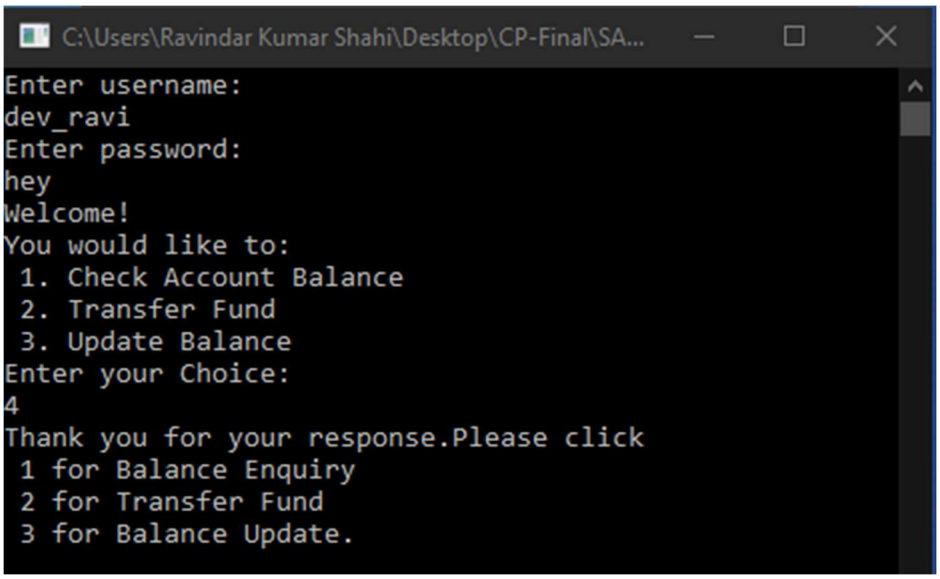
b. Choice 2:



c. Choice 3:



d. Wrong Choice:



Wrong choice gives you set of instruction, stating how and what a particular option does.

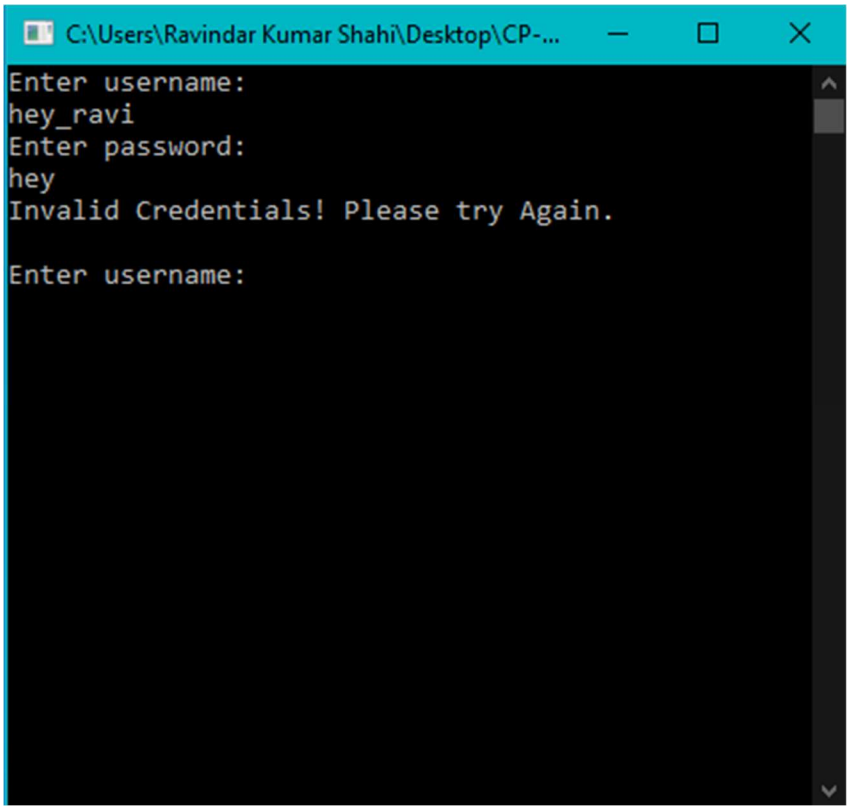
Invalid Attempts

Scenario of Invalid attempts comes when:

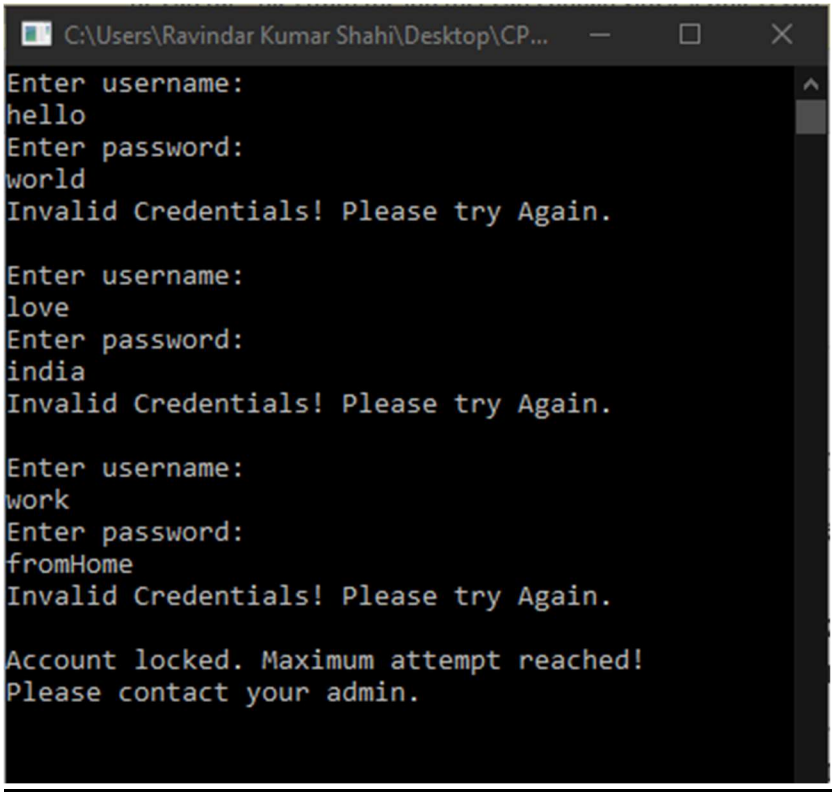
1. User forgets its username and password
2. False user is trying to login

Invalid Attempts are limited to 3 times, once user exceeds this limit his account is blocked. After getting blocked, it is not allowed to enter username and password. It needs to contact to the responsible administrator to get its valid credentials.

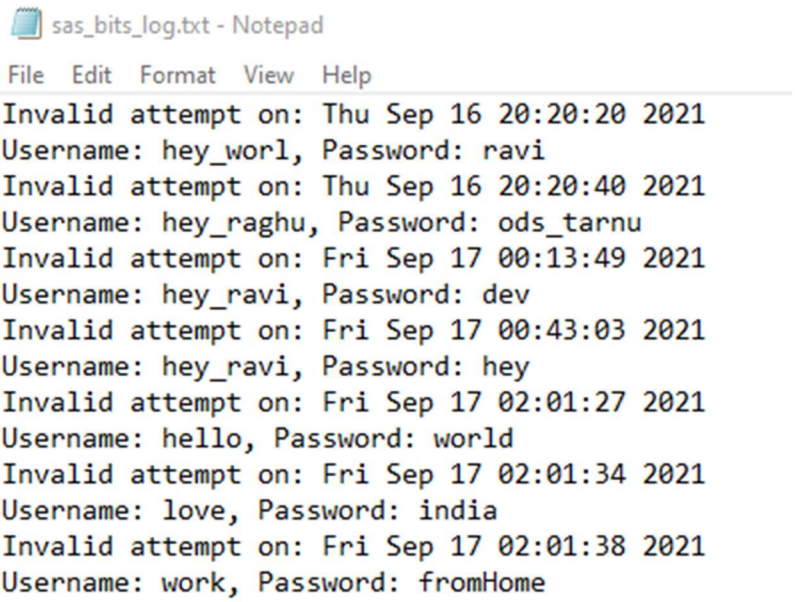
The first invalid attempt, gives you warning of invalid credential:



The three invalid attempt, blocks your account and generates log for administrator.



LOG REPORTS

Wrong attempts will keep track of invalid credentials by generating logs for administrator.

Report will contain Day, Date, Time, Year with False user credentials.