

This is the finalized version of the ATM. Some of the unique features are as follows:

1. Locking of account after 3 failed attempts. The account continues to be locked even if you try to login again
2. PIN encryption through glencrypt.h, this makes it so that the PIN is not displayed in the struct array for maximum security
3. Thorough input error checking. Since v2, I've updated glencrypt.h with custom input functions to prevent errors and improve program readability.

Example session:

```
Welcome to LPU Bank!
-----
Enter account number: 1001
-----
Enter PIN: asdas
Invalid input. Input cannot contain 'asd'.
-----
Enter PIN: 000023
Incorrect PIN. 3 attempts remaining.
-----
Enter PIN: 123123
Incorrect PIN. 2 attempts remaining.
-----
Enter PIN: 123123
Incorrect PIN. 1 attempt remaining.
-----
Enter PIN: 123123
Your account has been temporarily locked for your security. Please contact an administrator for assistance or try a different account.
-----
Enter account number: 1001
-----
Your account has been temporarily locked for your security. Please contact an administrator for assistance or try a different account.
-----
Enter account number: 1003
-----
Enter PIN: 2468
-----
Welcome Yui!

[1] Balance Inquiry
```

```
[2] Deposit
[3] Withdrawal
[4] Logout/Change Account
[5] Generate Report
[6] Exit

Enter transaction number: 2
-----
Enter amount to deposit: asdasd
Invalid input. Please enter a valid double.
-----
Enter amount to deposit: 6000
-----
Successfully deposited Php 6000.00.
New balance: Php 11000.00
-----
Would you like to do another transaction? [y/n]: y
-----
[1] Balance Inquiry
[2] Deposit
[3] Withdrawal
[4] Logout/Change Account
[5] Generate Report
[6] Exit

Enter transaction number: 3
-----
Enter amount to withdraw: 200
-----
Withdrawal successful.
New balance: Php 10800.00
-----
```