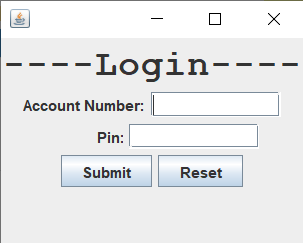
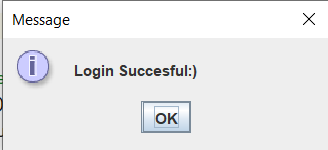
First when you run the program i.e, when you run the Main class several bank accounts with respective Account Number,Pin and Balance are created(only these account numbers and pins are valid) customers are linked to their specific bank accounts along with their respective names by creating objects of the Customer class.An object of cash dispenser is created giving the input of the total cash put in it.An object of ATM class is created by passing cash dispenser object created to it. Then the customers are added to the Arraylist of customers in the ATM object created. Now the ATM is set to function.

A Login GUI window appears asking the customer to enter their Account number and pin.



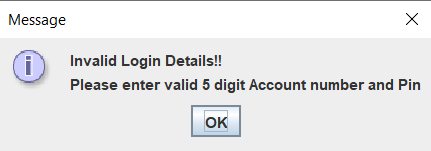
Please enter only digits here as in an ATM we have only digits in the keypad provided.After entering the details press submit.Press reset if you want to change the details entered. The login details are validated once you press the submit button, these details are validated by checking if these details match with the Bank accounts that are linked to the ATM in the beginning and if the details entered match with any one of the customers it shows Login Succesful.



Press OK in the login succesful window and please close the login window once the login is successful.

Please close the Login window once the Login is successful.

If the details do not match an error message is shown,press OK and you can re-enter your details in the login window again



"The Login GUI is done.

Please continue the rest of the process in the console." I have used GUI only in the login process.

In the console, you are asked to enter a number between 1-100(You can enter this even before completing the login verification because the program doesn't stop running even when the GUI is running,so if I don't add this enter a number, the program runs and at some point it is showing error because the login details are not validated yet and I am using them at a later stage. So, please enter the number between 1-100 only after you complete the login verification, the program might show an error if it is done before Login, we can solve such problems by displaying the GUI window over the console and the console will be visible only when you close the login window)

If you enter a number between 1-100, It will display a welcome message with the customers name and gives several options like

1) Check my Balance

2) Cash withdrawal

3) Cash Deposit

4) Exit

Account balance is shown if you choose option 1,these details are fetched from the customers respective account using the methods in

Withdrawal amount is asked if you choose option 2 and the cash dispenser is checked if there is sufficient amount present in the cash dispenser in order to complete the transaction,it shows cash is not available in the ATM please choose a lower amount if there is no sufficient amount in the dispenser.If the cash available in the dispenser is sufficient, the account balance of the customer is checked and if there is enough balance the transaction will be successful and the customer can collect the cash and the respective amount withdrawn will be reduced from the balance of the customer's account.

If option 3 is chosen, Deposit amount is asked and the respective amount is added to the balance of the customers account.

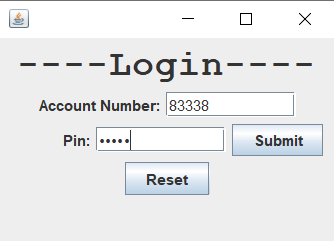
If option 4 is chosen,exit.

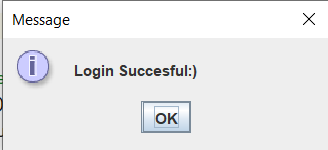
The current transaction will end after completing the process done for a particular option chosen.

The program goes to the login and Login GUI appears again.

Sample Test Cases

Test Case 1:





Enter a number between 0 and 100

45

Welcome Messi

Please select one of the following option :

1)Check my Balance

2)Cash withdrawal

3)Cash Deposit

4)Exit

2

Please enter amount to withdraw :

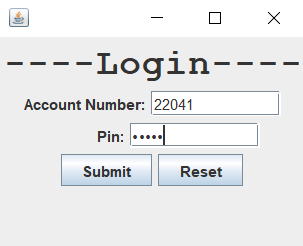
3254

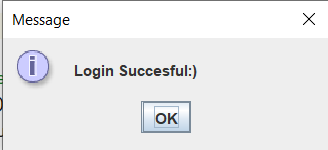
Please collect your money!!!

Remaining Account Balance : 4406.0

-------Thank you!--------

Test Case 2:





Enter a number between 0 and 100

63

Welcome Cristiano

Please select one of the following option :

1)Check my Balance

2)Cash withdrawal

3)Cash Deposit

4)Exit

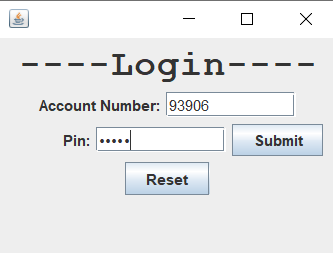
3

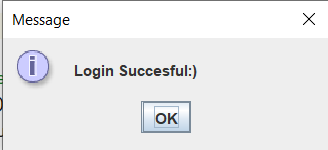
Enter the amount you want to Deposit : 9810

Account Balance : 108293.0

-------Thank you!--------

Test Case 3:





Enter a number between 0 and 100

36

Welcome Kevin

Please select one of the following option :

1)Check my Balance

2)Cash withdrawal

3)Cash Deposit

4)Exit

1

Account Balance : 5886.0

-------Thank you!--------

Test Case 4:

