

Java Banking Application

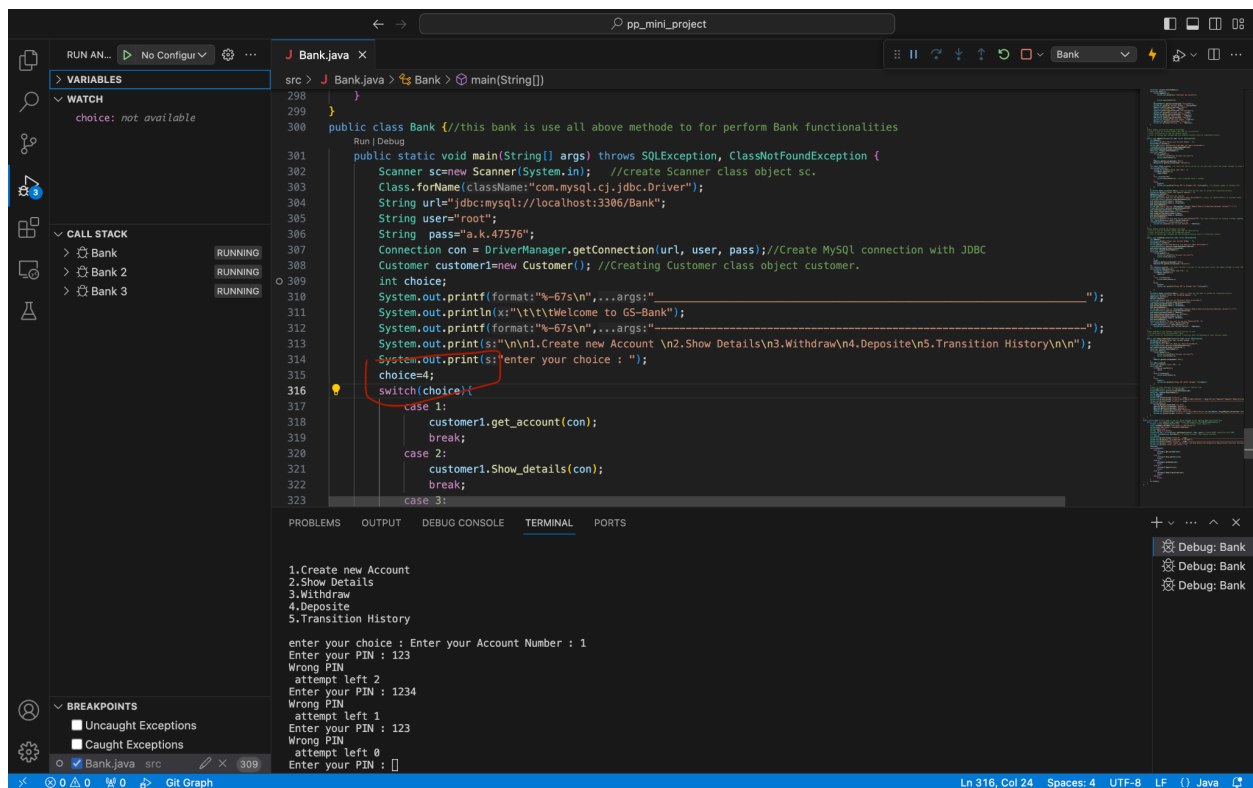
Mini Project

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Problem:

Here this program only menu is display not ask for choice and directly ask for enter Account number, and enter Account number it ask for PIN but after enter write PIN it says wrong pin and gives warning .



The screenshot shows an IDE with a Java file named `Bank.java`. The code defines a `Bank` class with a `main` method. It uses a `Scanner` to read input and a `switch` statement to handle menu choices. The `switch` statement has three cases: 1 (Create new Account), 2 (Show Details), and 3 (Withdraw/Deposit/Transition History). The `choice` variable is declared and assigned the value 4. The `switch` statement is highlighted with a red box. The terminal output shows the program running and asking for account number and PIN, but it does not ask for a choice. The status bar at the bottom indicates the cursor is at line 316, column 24.

```
src > J Bank.java > Bank > main(String[])
298 }
299
300 public class Bank { //this bank is use all above methode to for perform Bank functionalities
301     public static void main(String[] args) throws SQLException, ClassNotFoundException {
302         Scanner sc=new Scanner(System.in); //create Scanner class object sc.
303         Class.forName(className:"com.mysql.cj.jdbc.Driver");
304         String url="jdbc:mysql://localhost:3306/Bank";
305         String user="root";
306         String pass="a.k.47576";
307         Connection con = DriverManager.getConnection(url, user, pass); //Create MySQL connection with JDBC
308         Customer customer1=new Customer(); //Creating Customer class object customer.
309         int choice;
310         System.out.printf(format:"%-67s\n",...args:"");
311         System.out.println(x:"\t\t\tWelcome to GS-Bank");
312         System.out.printf(format:"%-67s\n",...args:"");
313         System.out.print(s:"\n\n1.Create new Account \n2.Show Details\n3.Withdraw\n4.Deposite\n5.Transition History\n\n");
314         System.out.print(s:"Enter your choice : ");
315         choice=sc.nextInt();
316         switch(choice){
317             case 1:
318                 customer1.get_account(con);
319                 break;
320             case 2:
321                 customer1.Show_details(con);
322                 break;
323             case 3:
324                 // ...
325         }
326     }
327 }
```

1.Create new Account
2.Show Details
3.Withdraw
4.Deposite
5.Transition History
enter your choice : Enter your Account Number : 1
Enter your PIN : 123
Wrong PIN
attempt left 2
Enter your PIN : 1234
Wrong PIN
attempt left 1
Enter your PIN : 123
Wrong PIN
attempt left 0
Enter your PIN :

After debugging we found that in the variable name “choice” we assign the value 4 and choice variable control all the Bank menu. That's why it directly ask for deposit then replace 4 by `sc.nextInt()` for taking user input.

After Debugging:

