```
import java.util.Scanner;

public class ATMApplication {

    final static String Username = "Aashu";
    final static String pwd = "2001";
    //int amount;
    public static void main(String[] args) {
        System.out.println("Welcome to ATM");
        CheckUser();
    }
    public static void CheckUser() {
        Scanner sc = new Scanner(System.in);
        System.out.println("Enter Username ");
        String str = sc.next();
        System.out.println("Enter password ");
        String str1 = sc.next();

        if (Username.equals(str) && (pwd.equals(str1))) {
            System.out.println("Successfully login");
            while(true){
                System.out.println("ATM Functionalities:");
                System.out.println("T. Transactions History");
                System.out.println("W. Withdraw");
                System.out.println("D. Deposit");
                System.out.println("S. Transfer");
                System.out.println("Q. Quit");
                String s;
                s = sc.next();
                switch (s){
                    case "T":
                        TransactionHistory th = new TransactionHistory();
                        th.Transaction1();
                        break;
                    case "W":
                        Withdraw wh = new Withdraw();
                        wh.withdraw1();
                        break;
                    case "D":
                        Deposite dt = new Deposite();
                        dt.Deposite1();
                        break;
                    case "S":
                        Transfer tf = new Transfer();
                        tf.transfer();
                        break;
                    case "Q":
                        System.exit(0);

                }
            }
        } else {
            System.out.println("Try Again");
            CheckUser();
        }
```

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    }
}


class TransactionHistory{
    public static void Transaction1(){
        System.out.println(".....");

    }
}


class Withdraw extends ATMApplication{
    static int amount;
    static int  balance=10;
    public static void withdraw1(){
        Scanner sc = new Scanner(System.in);
        System.out.println("Enter your ammount : ");
        amount = sc.nextInt();
        if(balance > amount){
            balance = balance - amount;
            System.out.println("your balance is = " + balance);
        } else {
            System.out.println("Balance is insufficient :\t\n\n");
        }
    }
}



class Deposite extends Withdraw{
    static int amount;
    static int bala = balance;
    public static void Deposite1 (){
        Scanner sc = new Scanner(System.in);
        System.out.println("Enter your ammount : ");
        amount = sc.nextInt();
        balance = balance + amount;
        System.out.println("your balance is = "+balance);
    }

}
class Transfer extends Deposite {
    static int amount;
    static int bal1 = balance;

    public static void transfer() {
        Scanner sc = new Scanner(System.in);
        System.out.println("Enter your ammount : ");
        amount = sc.nextInt();
        if (balance > amount) {
            balance = balance - amount;
            System.out.println("your balance is = " + balance);
        } else {
            System.out.println("Balance is insufficient :");
```

```
    }
  }
}
```