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// *****
//  ManageAccounts.java
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//  Compiler Used: JGrasp
//  Create and manage a bank account. Uses the Account class.
//  *****
import java.util.Scanner;

public class ManageAccounts
{
    public static void main(String[] args)
    {
        Scanner scan = new Scanner(System.in);
        Account acct1;

        System.out.println("Please enter your first and last name: ");
        String name = scan.nextLine();

        System.out.println("Please enter a 6 digit account number: ");
        long acctNum = scan.nextLong();

        System.out.println("Please enter your initial balance: ");
        double initBalance = scan.nextDouble();

        //create account1
        acct1 = new Account(initBalance, name, acctNum);

        //print summary for account
        System.out.println("Your Current Account Summary: ");
        System.out.println(acct1.summary());

        // Make a withdraw
        System.out.println("Amount to Withdraw from Your Account (Enter 0 if none): ");
        double debit = scan.nextDouble();
        acct1.withdraw(debit);

        //print new balance using getBalance()
        System.out.printf("New Account Balance after Deposit: $%.2f \n", + acct1.getBalance());

        // Make a deposit
        System.out.println("Amount to deposit to your account (enter 0 if none): ");
        double credit = scan.nextDouble();
        acct1.deposit(credit);

        //print new balance using getBalance()
        System.out.printf("New Account Balance after Deposit: $%.2f \n", acct1.getBalance());

        //Retrieve account number
        System.out.println("Retrieve your account number: " + acct1.accountNum());

        //print summary for account
        System.out.println("Your Current Account Summary: ");
        System.out.println(acct1.summary());
    }
}

```