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import java.util.Scanner;

public class BankAccount {

    // Method that throws custom checked exception
    static void withdraw(double balance, double amount) throws InsufficientBalanceException {

        if (amount > balance) {
            throw new InsufficientBalanceException(
                "Insufficient balance! Withdrawal amount exceeds balance."
            );
        }

        System.out.println("Withdrawal successful!");
        System.out.println("Remaining balance: " + (balance - amount));
    }

    public static void main(String[] args) {

        Scanner sc = new Scanner(System.in);

        try {
            System.out.print("Enter account balance: ");
            double balance = sc.nextDouble();

            System.out.print("Enter withdrawal amount: ");
            double amount = sc.nextDouble();

            withdraw(balance, amount);
        }
        catch (InsufficientBalanceException e) {
```

```
        System.out.println("Custom Exception Caught: " + e.getMessage());
    }

    catch (Exception e) {
        System.out.println("Invalid input! Please enter numeric values only.");
        e.printStackTrace(); // logging the exception
    }

    finally {
        System.out.println("Transaction completed. Thank you!");
        sc.close();
    }
}
```

Enter account balance: 5000

Enter withdrawal amount: 2000

Withdrawal successful!

Remaining balance: 3000.0

Transaction completed. Thank you!

Enter account balance: 3000

Enter withdrawal amount: 5000

Custom Exception Caught: Insufficient balance! Withdrawal amount exceeds balance.

Transaction completed. Thank you!