

```
// File: BankInterface.java
```

```
package ejb;
```

```
import javax.ejb.Remote;
```

```
@Remote
```

```
public interface BankInterface {
```

```
    public String deposit(double amount);
```

```
    public String withdraw(double amount);
```

```
}
```

```
// File: BankBean.java
```

```
package ejb;
```

```
import javax.ejb.Stateless;
```

```
@Stateless
```

```
public class BankBean implements BankInterface {
```

```
    double balance = 1000.0; // starting balance
```

```
    public String deposit(double amount) {
```

```
        balance += amount;
```

```
        return "Amount Deposited. New Balance: ₹" + balance;
```

```
    }
```

```
    public String withdraw(double amount) {
```

```
        if (amount > balance) {
```

```
            return "Insufficient Balance!";
```

```
        } else {
```

```
            balance -= amount;
```

```
            return "Amount Withdrawn. New Balance: ₹" + balance;
```

```
        }
```

```
    }
```

```
}
```

```
// File: BankServlet.java
```

```
package servlet;
```

```
import ejb.BankInterface;
```

```

import javax.ejb.EJB;
import javax.servlet.*;
import javax.servlet.http.*;
import java.io.*;

public class BankServlet extends HttpServlet {

    @EJB
    BankInterface bank;

    protected void doPost(HttpServletRequest request, HttpServletResponse response)
        throws ServletException, IOException {

        double amount = Double.parseDouble(request.getParameter("amount"));
        String action = request.getParameter("action");

        String result = "";

        if ("deposit".equals(action)) {
            result = bank.deposit(amount);
        } else if ("withdraw".equals(action)) {
            result = bank.withdraw(amount);
        }

        response.setContentType("text/html");
        PrintWriter out = response.getWriter();
        out.println("<h2>" + result + "</h2>");
        out.println("<a href='index.html'>Back</a>");
    }
}

<!-- File: index.html -->
<!DOCTYPE html>

<html>

<head>

    <title>Bank Transaction</title>

</head>

```

```
<body>

<h2>Bank Transaction Form</h2>

<form action="BankServlet" method="post">

    Enter Amount: <input type="text" name="amount" required><br><br>

    <button type="submit" name="action" value="deposit">Deposit</button>

    <button type="submit" name="action" value="withdraw">Withdraw</button>

</form>

</body>

</html>
```

folder

BankAppEJB/

```
|—— BankInterface.java    // Remote Interface
|—— BankBean.java         // EJB Implementation (Stateless)
|—— BankServlet.java      // Servlet to interact with the EJB
|—— index.html            // UI to accept amount and action
```