

SKILL 13 CHALLENGES

Index.html:

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<meta charset="UTF-8">
```

```
<title>Bank Application</title>
```

```
</head>
```

```
<body>
```

```
    <form method="post" action="InsertServlet">
```

```
        <table>
```

```
            <h1>Welcome to the Bank!</h1>
```

```
            <tr>
```

```
                <td>Enter your account number: </td>
```

```
                <td><input type="text" name="accno"
placeholder="enter you accno"></td>
```

```
            </tr>
```

```
            <tr>
```

```
                <td>Enter your account name: </td>
```

```
                <td><input type="text" name="accname"
placeholder="enter your accname"></td>
```

```
</tr>

<tr>

<td>Enter your account balance: </td>

<td><input type="text" name="accbal"
placeholder="enter your accbal"></td>

</tr>

<tr>

<td colspan="2" align="center"><input type="submit"
name="submit"></td>

</tr>

</table>

</form>

</body>

</html>
```

InsertServlet.java:

```
package com.bank;
```

```
import jakarta.servlet.ServletException;
import jakarta.servlet.annotation.WebServlet;
import jakarta.servlet.http.HttpServlet;
import jakarta.servlet.http.HttpServletRequest;
```

```
import jakarta.servlet.http.HttpServletResponse;
import java.io.IOException;
import java.io.PrintWriter;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;

@WebServlet("/com/bank/InsertServlet")
public class InsertServlet extends HttpServlet {
    private static final long serialVersionUID = 1L;

    protected void doPost(HttpServletRequest request,
        HttpServletResponse response) throws ServletException,
        IOException {
        // TODO Auto-generated method stub
        int
        accno=Integer.parseInt(request.getParameter("accno"));
        String accname=request.getParameter("accname");
        int
        accbal=Integer.parseInt(request.getParameter("accbal"));

        PrintWriter pw=response.getWriter();
        pw.println(accno);
```

```

        pw.println(accname);
        pw.println(accbal);

// database connectivity
try {
            Class.forName("com.mysql.cj.jdbc.Driver");

            Connection
con=DriverManager.getConnection("jdbc:mysql://localhost:3
306/bank","root","root");

            String sql="insert into
bankaccount(accno,accname,accbal) values(?,?,?)";

            PreparedStatement
ps=con.prepareStatement(sql);

            int index=ps.executeUpdate();
            if(index>0) {
                    pw.println("inserted successfully");
            }else {
                    pw.println("not inserted");
            }
        }catch(Exception e) {
            e.printStackTrace();
        }
    }
}

```

}

localhost:8515/BankApplication/

Welcome to the Bank!

Enter your account number:

Enter your account name:

Enter your account balance:

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

Filter objects

SCHEMAS

- bank
 - Tables
 - bankaccount
 - Views
 - Stored Procedures
 - Functions
- deadlock_db
 - Tables
 - Views
 - Stored Procedures
 - Functions
- samyak
 - studentbackend
- userdb

Administration Schemas

Information

No object selected

Object Info Session

bankaccount 3

Apply Revert Context Help Snippets

Output

History Output

Date	Time	SQL
2025-03-25	10:57:41	insert into Persons VALUES(1,Ashu,Reddy,Inda)
2025-03-20	10:53:43	select * from component
2025-03-15	10:52:42	show tables
2025-03-13	10:52:03	use myad
2025-03-12	10:51:52	show databases
2025-03-11		

SQL Editor

1. SELECT * FROM bank.bankaccount;

Result Grid

accno	accname	accbal
1		

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.