

Name: Neeraj Appari

MVCEC ID: MVCEC-CCSP19-S1/30

MODULES-{LOGIN,PASSWORD,ADD UPDATE
DELETE SEARCH
ACCOUNT,TRANSACTION,DESPOSIT
WITHDRAW AND
SHOW ALL RECORDS}

java.io.IOException;

java.io.PrintWriter;

java.sql.Connection;

java.sql.DriverManager;

java.sql.ResultSet;

java.sql.Statement;

javax.servlet.ServletException;

javax.servlet.http.HttpServlet;

javax.servlet.http.HttpServletRequest;

javax.servlet.http.HttpServletResponse;

INKAT BANKING APP

Index.html

<!DOCTYPE html>

<!--

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To change this template file, choose Tools | Templates and open the template in the editor.

-->

<html>

<head>

<title>TODO supply a title</title>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

</head>

<body>

<h1>Inkat Banking Website</h1>

<div>Login Page</div>

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

Enter UserName: <input type="text" name="txtun" value="" /> </br>

Enter Password: <input type="password" name="txtpw" value="" /></br>

<input type="submit" value="Submit" />

</form>

```
</body>
```

```
</html>
```

[ada.html](#)

```
<!DOCTYPE html>
```

```
<!--
```

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To change this template file, choose Tools | Templates and open the template in the editor.

```
-->
```

```
<html>
```

```
<head>
```

```
<title>TODO supply a title</title>
```

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

```
<meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
</head>
```

```
<body>
```

```
<div style="border: 5px outset red;background-color: lightblue;text-align: center;">Add Account</div>
```

```
<form action="whatodo" method="POST">
```

Enter ID: <input type="text" name="id" value="" style="width: 100%;

background-color: #4CAF50;

color: white;

padding: 14px 20px;

margin: 8px 0;

border: none;

border-radius: 4px;

cursor: pointer;" /> </br>

Enter First Name: <input type="text" name="fname" value="" style="width: 100%;

background-color: #4CAF50;

color: white;

padding: 14px 20px;

margin: 8px 0;

border: none;

border-radius: 4px;

cursor: pointer;" /> </br>

Enter Second Name: <input type="text" name="sname" value="" style="width: 100%;

background-color: #4CAF50;

color: white;

padding: 14px 20px;

margin: 8px 0;

```
border: none;
border-radius: 4px;
cursor: pointer;"/></br>
```

```
Enter Mobile NO: <input type="text" name="number"
value="" style="width: 100%;
```

```
background-color: #4CAF50;
color: white;
padding: 14px 20px;
margin: 8px 0;
border: none;
border-radius: 4px;
cursor: pointer;"/> </br>
```

```
Enter Balance: <input type="text" name="bal" value=""
style="width: 100%;
```

```
background-color: #4CAF50;
color: white;
padding: 14px 20px;
margin: 8px 0;
border: none;
border-radius: 4px;
cursor: pointer;"/></br></br>
```

```
<input type="submit" value="Add Record" name="add"
style="background-color: black;color: blueviolet;border: 2px solid
#4CAF50;"/>
```

```
<input type="reset" value="Reset Record" name="reset"
style="background-color: white;color: blue;border: 2px solid
#FF0000;" />
```

```
</form>
```

```
<div id="button"><a href="hub.html" style="background-color:
tan;color: blueviolet;border: 2px solid #4CAF50;">Back</a></div>
```

```
</body>
```

```
</html>
```

[adding.html](#)

```
<!DOCTYPE html>
```

```
<!--
```

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To change this template file, choose Tools | Templates and open the template in the editor.

```
-->
```

```
<html>
```

```
<head>
```

```
<title>TODO supply a title</title>
```

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

```
<meta name="viewport" content="width=device-width, initial-
scale=1.0">
```

```
</head>
```

```
<body>
```

```
<div style="border: 5px outset red;background-color:
lightblue;text-align: center;">Deposit</div>
```

```
<form action="depo" method="POST">
```

```
Enter ID: <input type="text" name="id" value="" style="width:
100%;
```

```
background-color: #FFD700;
```

```
color: white;
```

```
padding: 14px 20px;
```

```
margin: 8px 0;
```

```
border: none;
```

```
border-radius: 4px;
```

```
cursor: pointer;" />
```

```
Amount: <input type="text" name="amount" value=""
style="width: 100%;
```

```
background-color: #FFD700;
```

```
color: white;
```

```
padding: 14px 20px;
```

```
margin: 8px 0;
```

```
border: none;
```

```
border-radius: 4px;
```

```
cursor: pointer;" /></br>
```

```
<input type="submit" value="Deposit" name="add"
style="background-color: black;color: blueviolet;border: 2px solid
#4CAF50;" />
```

```
<input type="reset" value="Reset Record" name="reset"
style="background-color: white;color: blue;border: 2px solid
#FF0000;" />
```

```
</form>
```

```
<div id="button"><a href="balac.html" style="background-
color: maroon;color: blueviolet;border: 2px solid
#4CAF50;">Back</a></div>
```

```
</body>
```

```
</html>
```

[allrec.html](#)

```
<!DOCTYPE html>
```

```
<!--
```

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```
-->
```

```
<html>
```

```
<head>
```

```
<title>TODO supply a title</title>
```

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

```
<meta name="viewport" content="width=device-width, initial-
scale=1.0">
```

```
</head>
```

```
<body>
```



```
<div>TODO write content</div>
</body>
</html>
```

[balac.html](#)

```
<!DOCTYPE html>
```

```
<!--
```

To change this license header, choose License Headers in Project Properties.

To change this template file, choose Tools | Templates and open the template in the editor.

```
-->
```

```
<html>
```

```
<head>
```

```
<title>TODO supply a title</title>
```

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

```
<meta name="viewport" content="width=device-width, initial-
scale=1.0">
```

```
</head>
```

```
<body>
```

```
<div style="border: 2px outset red;background-color:
yellow;text-align: center;">Transaction</div>
```

```
<div id="button"><a href="adding.html" style="background-
color: gold;color: blueviolet;border: 2px solid
#4CAF50;">Deposit</a></div>
```

```
<div id="button"><a href="depojsp.jsp" style="background-color: pink;color: blueviolet;border: 2px solid #4CAF50;">Withdraw</a></div>
```

```
<div id="button"><a href="balancing2.html" style="background-color: rosybrown;color: blueviolet;border: 2px solid #4CAF50;">Transaction</a></div>
```

```
<div id="button"><a href="hub.html" style="background-color: teal;color: blueviolet;border: 2px solid #4CAF50;">Back</a></div>
```

```
</body>
```

```
</html>
```

[balancing2.html](#)

```
<!DOCTYPE html>
```

```
<!--
```

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```
-->
```

```
<html>
```

```
<head>
```

```
<title> supply a title</title>
```

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

```
<meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
</head>
```

```
<body>
```

```
<div style="border: 5px outset pink;background-color:
lawngreen;text-align: center;">Balance</div>
```

```
<form action="show" method="POST">
```

```
Enter ID: <input type="text" name="id" value="" style="width:
100%;
```

```
background-color: brown;
```

```
color: white;
```

```
padding: 14px 20px;
```

```
margin: 8px 0;
```

```
border: none;
```

```
border-radius: 4px;
```

```
cursor: pointer;" />
```

```
<input type="submit" value="Show Balance" name="add"
style="background-color: black;color: blueviolet;border: 2px solid
#4CAF50;"/>
```

```
<input type="reset" value="Reset Record" name="reset"
style="background-color: white;color: blue;border: 2px solid
#FF0000;" />
```

```
</form>
```

```
<div id="button"><a href="balac.html" style="background-color:
mediumspringgreen;color: blueviolet;border: 2px solid
#4CAF50;">Back</a></div>
```

```
</body>
```

```
</html>
```

[depoisp.jsp](#)

```
<%--
```

Document : depojsp

Created on : 18 Feb, 2021, 1:55:39 PM

Author : LAXMINARAYANRO

--%>

<%@page contentType="text/html" pageEncoding="UTF-8"%>

<!DOCTYPE html>

<html>

<head>

<meta http-equiv="Content-Type" content="text/html;
charset=UTF-8">

<title>JSP Page</title>

</head>

<body>

<div style="border: 5px outset red;background-color:
lightblue;text-align: center;">Withdraw</div>

<form action="withdraw" method="POST">

Enter ID: <input type="text" name="id" value="" style="width:
100%;

background-color: #FFD700;

color: white;

padding: 14px 20px;

margin: 8px 0;

border: none;

```

border-radius: 4px;
cursor: pointer;" />
        Amount: <input type="text" name="amount" value=""
style="width: 100%;
background-color: #FFD700;
color: white;
padding: 14px 20px;
margin: 8px 0;
border: none;
border-radius: 4px;
cursor: pointer;" /></br>
        <input type="submit" value="Withdraw" name="add"
style="background-color: black;color: blueviolet;border: 2px solid
#4CAF50;" />
        <input type="reset" value="Reset Record" name="reset"
style="background-color: white;color: blue;border: 2px solid
#FF0000;" />
    </form>
    <div id="button"><a href="balac.html" style="background-
color: wheat;color: blueviolet;border: 2px solid
#4CAF50;">Back</a></div>
</body>
</html>

<%@ page import="java.sql.*"%>

```

```
<%@ page import="java.io.*" %>
```

```
<%@ page import="javax.servlet.*"%>
```

[dilute.html](#)

```
<!DOCTYPE html>
```

```
<!--
```

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```
-->
```

```
<html>
```

```
  <head>
```

```
    <title>TODO supply a title</title>
```

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

```
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
  </head>
```

```
  <body>
```

```
    <form action="dip" method="POST">
```

```
      <div style="border: 5px outset red;background-color: lightblue;text-align: center;">Delete Account</div>
```

```
      Enter ID: <input type="text" name="id" value="" style="width: 100%;
```

```
background-color: orangered;
```

```
color: white;
```

padding: 14px 20px;

margin: 8px 0;

border: none;

border-radius: 4px;

cursor: pointer;" />

```
<input type="submit" value="Delete Record" name="add"
style="background-color: black;color: blueviolet;border: 2px solid
#4CAF50;"/>
```

```
<input type="reset" value="Reset Record" name="reset"
style="background-color: white;color: blue;border: 2px solid
#FF0000;"/>
```

```
</form>
```

```
<div id="button"><a href="hub.html" style="background-color:
grey;color: blueviolet;border: 2px solid #4CAF50;">Back</a></div>
```

```
</body>
```

```
</html>
```

<hub.html>

```
<!DOCTYPE html>
```

```
<!--
```

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To change this template file, choose Tools | Templates and open the template in the editor.

```
-->
```

```
<html>
  <head>
    <title>TODO supply a title</title>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <style>
      #button {
        width: 6em;
        border: 2px solid green;
        background: #ffe;
        border-radius: 5px;
      }
      a {
        display: block;
        width: 100%;
        line-height: 2em;
        text-align: center;
        text-decoration: none;
        border-radius: 5px;
      }
      a:hover {
        color: red;
        background: #eff;
```



```
    }
</style>

</head>

<body>
    <div>Login Successfull</div>

    <div id="button"><a href="ada.html">Add Account</a></div>
    <div id="button"><a href="upd.html">Update
Account</a></div>
    <div id="button"><a href="balac.html">Transaction</a></div>
    <div id="button"><a href="dilute.html">Delete
Account</a></div>

    <form action="allrecd" method="POST">
        <input type="submit" value="allrecd" name="All Records"
style="width: 6em;
border: 2px solid green;
background: #ffe;
border-radius: 5px; display: block;" />
    </form>

</body>
</html>
```

removing.html

```
<!DOCTYPE html>
```

```
<!--
```

To change this license header, choose License Headers in Project Properties.

To change this template file, choose Tools | Templates and open the template in the editor.

```
-->
```

```
<html>
```

```
  <head>
```

```
    <title>TODO supply a title</title>
```

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

```
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
  </head>
```

```
  <body>
```

```
    <div style="border: 5px outset red;background-color: lightblue;text-align: center;">Withdraw</div>
```

```
    <form action="removing" method="POST">
```

```
      Enter ID: <input type="text" name="id" value="" style="width: 100%;
```

```
background-color: #FFD700;
```

```
color: white;
```

```
padding: 14px 20px;
```

```
margin: 8px 0;
```

```
border: none;
border-radius: 4px;
cursor: pointer;" />
```

```
Amount: <input type="text" name="amount" value=""
style="width: 100%;
```

```
background-color: #FFD700;
```

```
color: white;
```

```
padding: 14px 20px;
```

```
margin: 8px 0;
```

```
border: none;
```

```
border-radius: 4px;
```

```
cursor: pointer;" /></br>
```

```
<input type="submit" value="Withdraw" name="add"
style="background-color: black;color: blueviolet;border: 2px solid
#4CAF50;" />
```

```
<input type="reset" value="Reset Record" name="reset"
style="background-color: white;color: blue;border: 2px solid
#FF0000;" />
```

```
</form>
```

```
<div id="button"><a href="balac.html" style="background-
color: wheat;color: blueviolet;border: 2px solid
#4CAF50;">Back</a></div>
```

```
</body>
```

```
</html>
```

[upd.html](#)

```
<!DOCTYPE html>
```

<!--

To change this license header, choose License Headers in Project Properties.

To change this template file, choose Tools | Templates and open the template in the editor.

-->

<html>

 <head>

 <title>TODO supply a title</title>

 <meta charset="UTF-8">

 <meta name="viewport" content="width=device-width, initial-scale=1.0">

 </head>

 <body>

 <div style="border: 5px outset red;background-color: lightblue;text-align: center;">Update Account Account</div>

 <form action="updacc" method="POST">

 Enter ID: <input type="text" name="id" value="" style="width: 100%;

background-color: #4CAF50;

color: white;

padding: 14px 20px;

margin: 8px 0;

border: none;

border-radius: 4px;
cursor: pointer;" /></br>

Enter First Name: <input type="text" name="fname" value="" style="width: 100%;

background-color: #4CAF50;
color: white;
padding: 14px 20px;
margin: 8px 0;
border: none;
border-radius: 4px;
cursor: pointer;" /> </br>

Enter Second Name: <input type="text" name="sname" value="" style="width: 100%;

background-color: #4CAF50;
color: white;
padding: 14px 20px;
margin: 8px 0;
border: none;
border-radius: 4px;
cursor: pointer;"/></br>

Enter Mobile NO: <input type="text" name="number" value="" style="width: 100%;

background-color: #4CAF50;
color: white;
padding: 14px 20px;

```
margin: 8px 0;
border: none;
border-radius: 4px;
cursor: pointer;"/> </br>
```

```
Enter Balance: <input type="text" name="bal" value=""
style="width: 100%;
```

```
background-color: #4CAF50;
```

```
color: white;
```

```
padding: 14px 20px;
```

```
margin: 8px 0;
```

```
border: none;
```

```
border-radius: 4px;
```

```
cursor: pointer;"/></br></br>
```

```
<input type="submit" value="Update Record" name="add"
style="background-color: black;color: blueviolet;border: 2px solid
#4CAF50;"/>
```

```
<input type="reset" value="Reset Record" name="reset"
style="background-color: white;color: blue;border: 2px solid
#FF0000;" />
```

```
</form>
```

```
< <div id="button"><a href="hub.html" style="background-
color: lightgreen;color: blueviolet;border: 2px solid
#4CAF50;">Back</a></div>
```

```
</body>
```

```
</html>
```

[allrecd.java](#)

```
import java.io.IOException;
import java.io.PrintWriter;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.Statement;
import javax.servlet.ServletException;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
```

```
/**
```

```
 *
```

```
 * @author LAXMINARAYANRO
```

```
 */
```

```
public class allrecd extends HttpServlet {
```

```
    /**
```

```
     * Processes requests for both HTTP GET and
     * POST
```

```
     * methods.
```

```
     *
```

- * @param request servlet request
- * @param response servlet response
- * @throws ServletException if a servlet-specific error occurs
- * @throws IOException if an I/O error occurs
- */

```
protected void processRequest(HttpServletRequest request,
    HttpServletResponse response)
```

```
    throws ServletException, IOException {
```

```
    response.setContentType("text/html;charset=UTF-8");
```

```
    PrintWriter out = response.getWriter();
```

```
    response.setContentType("text/html");
```

```
    out.println("<html><body>");
```

```
    try
```

```
    {
```

```
        Class.forName("org.apache.derby.jdbc.EmbeddedDriver");//
```

```
driver class name
```

```
        // database path
```

```
        Connection cn =
```

```
DriverManager.getConnection("jdbc:derby://localhost:1527/ccpcpro
");
```

```
        Statement st = cn.createStatement();
```



```

        ResultSet rs = st.executeQuery("select * from account");

        out.println("<table border=1 width=50% height=50%
background-color: #4CAF50;\n" +
" color: white;> ");

        out.println("<tr><th >ID</th><th>First Name</th><th>Second
Name</th><th>Phone Number</th><th>Balance</th><tr>");

        while (rs.next())
        {
            int id = rs.getInt("id");

            String fn = rs.getString("first_name");

            String sn = rs.getString("second_name");

            int number = rs.getInt("number");

            int balance = rs.getInt("balance");

            out.println("<tr><td>" + id + "</td><td>" + fn + "</td><td>"
+ sn + "</td><td>" + number + "</td><td>" + balance +
"</td></tr>");

        }

        out.println("</table>");

        out.println("</html></body>");

        cn.close();

    }

    catch (Exception e)

    {

        out.println(e.getMessage());

    }

```

```
        out.println("<div id=\"button\"><a href=\"hub.html\"  
style=\"background-color: blue;color: blueviolet;border: 2px solid  
#4CAF50;\">Back</a></div>");  
    }  
}
```

[baljava.java](#)

```
/*  
    * To change this license header, choose License Headers in Project  
    Properties.  
    * To change this template file, choose Tools | Templates  
    * and open the template in the editor.  
    */
```

```
import java.io.IOException;  
import java.io.PrintWriter;  
import javax.servlet.ServletException;  
import javax.servlet.http.HttpServlet;  
import javax.servlet.http.HttpServletRequest;  
import javax.servlet.http.HttpServletResponse;
```

```
/**  
    *  
    * @author LAXMINARAYANRO  
    */
```

```

public class baljava extends HttpServlet {

    /**
     * Processes requests for both HTTP GET and
     * POST
     * methods.
     *
     * @param request servlet request
     * @param response servlet response
     * @throws ServletException if a servlet-specific error occurs
     * @throws IOException if an I/O error occurs
     */
    protected void processRequest(HttpServletRequest request,
        HttpServletResponse response)
        throws ServletException, IOException {
        response.setContentType("text/html;charset=UTF-8");
        try (PrintWriter out = response.getWriter()) {
            /* TODO output your page here. You may use following
            sample code. */
            out.println("<!DOCTYPE html>");
            out.println("<html>");
            out.println("<head>");
            out.println("<title>Servlet baljava</title>");
            out.println("</head>");
            out.println("<body>");

```

```

        out.println("<h1>Servlet baljava at " +
request.getContextPath() + "</h1>");

        out.println("</body>");

        out.println("</html>");

    }

}

```

// <editor-fold defaultstate="collapsed" desc="HttpServlet methods. Click on the + sign on the left to edit the code.">

```

/**
 * Handles the HTTP <code>GET</code> method.
 *
 * @param request servlet request
 * @param response servlet response
 * @throws ServletException if a servlet-specific error occurs
 * @throws IOException if an I/O error occurs
 */

@Override
protected void doGet(HttpServletRequest request,
HttpServletResponse response)
    throws ServletException, IOException {
    processRequest(request, response);
}

/**

```

```

* Handles the HTTP <code>POST</code> method.
*

* @param request servlet request
* @param response servlet response
* @throws ServletException if a servlet-specific error occurs
* @throws IOException if an I/O error occurs
*/

@Override
protected void doPost(HttpServletRequest request,
    HttpServletResponse response)
    throws ServletException, IOException {
    processRequest(request, response);
}

/**
* Returns a short description of the servlet.
*
* @return a String containing servlet description
*/

@Override
public String getServletInfo() {
    return "Short description";
}

```

```
}
```

[depo.java](#)

```
/*
```

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```
*/
```

```
import java.io.IOException;
```

```
import java.io.PrintWriter;
```

```
import java.sql.Connection;
```

```
import java.sql.DriverManager;
```

```
import java.sql.PreparedStatement;
```

```
import java.sql.ResultSet;
```

```
import java.sql.ResultSetMetaData;
```

```
import java.sql.Statement;
```

```
import javax.servlet.ServletException;
```

```
import javax.servlet.http.HttpServlet;
```

```
import javax.servlet.http.HttpServletRequest;
```

```
import javax.servlet.http.HttpServletResponse;
```

```
/**
```

```
*
```

```
* @author LAXMINARAYANRO
```

```
*/
```

```
public class depo extends HttpServlet {
```

```
    /**
```

```
     * Processes requests for both HTTP GET and  
    POST
```

```
     * methods.
```

```
     *
```

```
     * @param request servlet request
```

```
     * @param response servlet response
```

```
     * @throws ServletException if a servlet-specific error occurs
```

```
     * @throws IOException if an I/O error occurs
```

```
    */
```

```
    protected void processRequest(HttpServletRequest request,  
    HttpServletResponse response)
```

```
        throws ServletException, IOException {
```

```
        response.setContentType("text/html;charset=UTF-8");
```

```
        PrintWriter out = response.getWriter();
```

```
        //response.setContentType("text/html");
```

```
        //out.println("<html><body>");
```

```
        int id = Integer.parseInt(request.getParameter("id"));
```

```
        int amount =
```

```
        Integer.parseInt(request.getParameter("amount"));
```

```
response.setContentType("text/html");
out.println("<html><body>");

//int id=1;
try
{
    Class.forName("org.apache.derby.jdbc.EmbeddedDriver");//
driver class name

    // database path

    Connection cn =
DriverManager.getConnection("jdbc:derby://localhost:1527/ccpcpro
");

    Statement str = cn.createStatement();

    PreparedStatement pst = cn.prepareStatement("select * from
account where id = ?");

    pst.setInt(1, id);

    ResultSet rs = pst.executeQuery();

    int dataamount=0;

    if(rs.next()){
```



```
        dataamount=amount+rs.getInt(5);  
    }
```

```
        PreparedStatement pst1 = cn.prepareStatement("update  
account set balance=? where id="+id+"");
```

```
        pst1.setInt(1,dataamount);
```

```
        pst1.executeUpdate();
```

```
        pst.setInt(1, id);
```

```
        cn.close();
```

```
    }
```

```
    catch (Exception e)
```

```
    {
```

```
        out.println(e.getMessage());
```

```
    }
```

```
        out.println("<div style=\"border: 5px outset red;background-  
color: lightblue;text-align: center;\">Transaction Was  
Successfull</div>");
```

```
        out.println("<div id=\"button\" style=\"background-color:  
black;color: blueviolet;border: 2px solid #4CAF50;\" ><a  
href=\"balac.html\">Back</a></div>");
```

```
}
```

```
// <editor-fold defaultstate="collapsed" desc="HttpServlet  
methods. Click on the + sign on the left to edit the code.">
```

```
/**
```

```
 * Handles the HTTP <code>GET</code> method.
```

```
 *
```

```
 * @param request servlet request
```

```
 * @param response servlet response
```

```
 * @throws ServletException if a servlet-specific error occurs
```

```
 * @throws IOException if an I/O error occurs
```

```
 */
```

```
@Override
```

```
protected void doGet(HttpServletRequest request,  
HttpServletResponse response)
```

```
    throws ServletException, IOException {
```

```
    processRequest(request, response);
```

```
}
```

```
/**
```

```
 * Handles the HTTP <code>POST</code> method.
```

```
 *
```

```
 * @param request servlet request
```

```
 * @param response servlet response
```

```

    * @throws ServletException if a servlet-specific error occurs
    * @throws IOException if an I/O error occurs
    */
    @Override
    protected void doPost(HttpServletRequest request,
        HttpServletResponse response)
        throws ServletException, IOException {
        processRequest(request, response);
    }

    /**
     * Returns a short description of the servlet.
     *
     * @return a String containing servlet description
     */
    @Override
    public String getServletInfo() {
        return "Short description";
    } // </editor-fold>
}

```

[dip.java](#)

```

import java.io.IOException;
import java.io.PrintWriter;

```

```
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.Statement;
import javax.servlet.ServletException;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
```

```
/**
```

```
*
```

```
* @author LAXMINARAYANRO
```

```
*/
```

```
public class dip extends HttpServlet {
```

```
    /**
```

```
        * Processes requests for both HTTP <code>GET</code> and
        <code>POST</code>
```

```
        * methods.
```

```
        *
```

```
        * @param request servlet request
```

```
        * @param response servlet response
```

```
        * @throws ServletException if a servlet-specific error occurs
```

```
        * @throws IOException if an I/O error occurs
```

```
    */
```

```
protected void processRequest(HttpServletRequest request,
HttpServletRequest response)
```

```
throws ServletException, IOException {
```

```
response.setContentType("text/html;charset=UTF-8");
```

```
response.setContentType("text/html;charset=UTF-8");
```

```
PrintWriter out = response.getWriter();
```

```
int Id = Integer.parseInt(request.getParameter("id"));
```

```
try
```

```
{
```

```
    //out.println(Id);
```

```
    Class.forName("org.apache.derby.jdbc.EmbeddedDriver");//
```

```
driver class name
```

```
    // database path
```

```
    Connection cn =
```

```
DriverManager.getConnection("jdbc:derby://localhost:1527/ccpcpro
");
```

```
Statement st = cn.createStatement();
```

```
String str = "delete from account where id = "+Id+" ";
```

```

        st.executeUpdate(str);

    }

    catch(Exception e)

    {
        out.println(e.getMessage());
    }

    out.println("<div style=\"border: 5px outset red;background-
color: lightblue;text-align: center;\">Record Deleted
SuccesFully</div>");

    out.println("<div id=\"button\" style=\"background-color:
black;color: blueviolet;border: 2px solid #4CAF50;\" ><a
href=\"hub.html\">Back</a></div>");

    }
}

```

[follow.java](#)

```

import java.io.IOException;
import java.io.PrintWriter;
import javax.servlet.RequestDispatcher;
import javax.servlet.ServletContext;
import javax.servlet.ServletException;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;

```

```

/**
 *
 * @author LAXMINARAYANRO
 */
public class follow extends HttpServlet {

    /**
     * Processes requests for both HTTP <code>GET</code> and
     <code>POST</code>
     * methods.
     *
     * @param request servlet request
     * @param response servlet response
     * @throws ServletException if a servlet-specific error occurs
     * @throws IOException if an I/O error occurs
     */
    protected void processRequest(HttpServletRequest request,
        HttpServletResponse response)
        throws ServletException, IOException {
        response.setContentType("text/html;charset=UTF-8");
        try (PrintWriter out = response.getWriter())
        {
            String un, pw;
            un = request.getParameter("txtun");

```

```

        pw = request.getParameter("txtpw");

        if (un.equalsIgnoreCase("admin") &&
pw.equalsIgnoreCase("a123"))
        {
            //ServletContext servletContext = getServletContext();

            // RequestDispatcher requestDispatcher =
servletContext.getRequestDispatcher("/next");

            //requestDispatcher.forward(request, response);
            out.println("<br><br><a href= 'hub.html'>Next</a>");
        }
        else
        {
            out.println("Invalid login");
            out.println("<br><br><a href= 'index.html'>Login</a>");
        }
    }
}

}

```

[next.java](#)

/*

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*/

```
import java.io.IOException;
import java.io.PrintWriter;
import java.util.Scanner;
import javax.servlet.ServletException;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
```

```
/**
```

```
 *
```

```
 * @author LAXMINARAYANRO
```

```
 */
```

```
public class next extends HttpServlet {
```

```
    /**
```

```
     * Processes requests for both HTTP GET and
     * POST
```

```
     * methods.
```

```
     *
```

```
     * @param request servlet request
```

```
     * @param response servlet response
```

```

* @throws ServletException if a servlet-specific error occurs
* @throws IOException if an I/O error occurs
*/
protected void processRequest(HttpServletRequest request,
HttpServletResponse response)
    throws ServletException, IOException {
    response.setContentType("text/html;charset=UTF-8");
    PrintWriter out = response.getWriter();
    try
    {
        System.out.println("Neeraj Appari S073");

        int choice;

        Scanner sc = new Scanner(System.in);

        System.out.println("Enter 1 For Book Entry \nEnter 2 For Book
Issue \nEnter 3 For Return Book \nEnter 4 For Defaulter List:");
        choice = sc.nextInt();

        switch (choice) {
        case 1:

            break;

        case 2:

```

break;

case 3:

break;

case 4:

break;

default:

System.out.println("Invalid Entry");

}

}

catch(Exception e)

{

System.out.println("error:"+e.getMessage());

}

}

}

[show.java](#)

```
/*
```

```
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```

```
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```

```
 * and open the template in the editor.
```

```
*/
```

```
import java.io.IOException;
```

```
import java.io.PrintWriter;
```

```
import java.sql.Connection;
```

```
import java.sql.DriverManager;
```

```
import java.sql.ResultSet;
```

```
import java.sql.Statement;
```

```
import javax.servlet.ServletException;
```

```
import javax.servlet.http.HttpServlet;
```

```
import javax.servlet.http.HttpServletRequest;
```

```
import javax.servlet.http.HttpServletResponse;
```

```
/**
```

```
 *
```

```
 * @author LAXMINARAYANRO
```

```
 */
```

```
public class show extends HttpServlet {
```

```

/**
 * Processes requests for both HTTP GET and
POST
 * methods.
 *
 * @param request servlet request
 * @param response servlet response
 * @throws ServletException if a servlet-specific error occurs
 * @throws IOException if an I/O error occurs
 */
protected void processRequest(HttpServletRequest request,
HttpServletResponse response)
    throws ServletException, IOException {
    response.setContentType("text/html;charset=UTF-8");
    response.setContentType("text/html;charset=UTF-8");
    PrintWriter out = response.getWriter();
    response.setContentType("text/html");
    out.println("<html><body>");
    int id = Integer.parseInt(request.getParameter("id"));

    try
    {
        Class.forName("org.apache.derby.jdbc.EmbeddedDriver");//
driver class name

```

```

// database path

Connection cn =
DriverManager.getConnection("jdbc:derby://localhost:1527/ccpcpro
");

Statement st = cn.createStatement();

ResultSet rs = st.executeQuery("select * from account where
id = "+id+"");

out.println("<table border=1 width=50% height=50%
background-color: #4CAF50;\n" +
" color: white;> ");

out.println("<tr><th >ID</th><th>First Name</th><th>Second
Name</th><th>Phone Number</th><th>Balance</th><tr>");

while (rs.next())
{
    id = rs.getInt("id");
    String fn = rs.getString("first_name");
    String sn = rs.getString("second_name");
    int number = rs.getInt("number");
    int balance = rs.getInt("balance");

    out.println("<tr><td>" + id + "</td><td>" + fn + "</td><td>"
+ sn + "</td><td>" + number + "</td><td>" + balance +
"</td></tr>");
}

```

```

        out.println("</table>");
        out.println("</html></body>");
        cn.close();
    }

    catch (Exception e)
    {
        out.println(e.getMessage());
    }

```

```

        out.println("<div id=\"button\" style=\"background-color:
black;color: blueviolet;border: 2px solid #4CAF50;\" ><a
href=\"balac.html\">Back</a></div>");
    }

```

```

// <editor-fold defaultstate="collapsed" desc="HttpServlet
methods. Click on the + sign on the left to edit the code.">

```

```

/**

```

```

 * Handles the HTTP <code>GET</code> method.

```

```

 *

```

```

 * @param request servlet request

```

```

 * @param response servlet response

```

```

 * @throws ServletException if a servlet-specific error occurs

```

```

 * @throws IOException if an I/O error occurs

```

```

 */

```

```

@Override

```

```
protected void doGet(HttpServletRequest request,
HttpServletRequest response)
```

```
throws ServletException, IOException {
```

```
    processRequest(request, response);
```

```
}
```

```
/**
```

```
 * Handles the HTTP <code>POST</code> method.
```

```
 *
```

```
 * @param request servlet request
```

```
 * @param response servlet response
```

```
 * @throws ServletException if a servlet-specific error occurs
```

```
 * @throws IOException if an I/O error occurs
```

```
 */
```

```
@Override
```

```
protected void doPost(HttpServletRequest request,
HttpServletRequest response)
```

```
throws ServletException, IOException {
```

```
    processRequest(request, response);
```

```
}
```

```
/**
```

```
 * Returns a short description of the servlet.
```

```
 *
```



```
    * @return a String containing servlet description
    */
    @Override
    public String getServletInfo() {
        return "Short description";
    } // </editor-fold>

}
```

[transjava.java](#)

```
import java.io.IOException;
import java.io.PrintWriter;
import javax.servlet.ServletException;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;

/**
 *
 * @author LAXMINARAYANRO
 */
public class transjava extends HttpServlet {

    /**
```

* Processes requests for both HTTP `GET` and `POST`

* methods.

*

* @param request servlet request

* @param response servlet response

* @throws ServletException if a servlet-specific error occurs

* @throws IOException if an I/O error occurs

*/

protected void processRequest(HttpServletRequest request,
HttpServletResponse response)

throws ServletException, IOException {

response.setContentType("text/html;charset=UTF-8");

try (PrintWriter out = response.getWriter()) {

/* TODO output your page here. You may use following
sample code. */

out.println("<!DOCTYPE html>");

out.println("<html>");

out.println("<head>");

out.println("<title>Servlet transjava</title>");

out.println("</head>");

out.println("<body>");

out.println("<h1>Servlet transjava at " +
request.getContextPath() + "</h1>");

out.println("</body>");

```
        out.println("</html>");
    }
}
}
```

[updacc.java](#)

```
/*
 * To change this license header, choose License Headers in Project
 * Properties.
 * To change this template file, choose Tools | Templates
 * and open the template in the editor.
 */
```

```
import java.io.IOException;
import java.io.PrintWriter;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.Statement;
import javax.servlet.ServletException;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
```

```
/**
 *
```

```

* @author LAXMINARAYANRO
*/

public class updacc extends HttpServlet {

    /**
     * Processes requests for both HTTP <code>GET</code> and
     <code>POST</code>
     * methods.
     *
     * @param request servlet request
     * @param response servlet response
     * @throws ServletException if a servlet-specific error occurs
     * @throws IOException if an I/O error occurs
     */

    protected void processRequest(HttpServletRequest request,
    HttpServletResponse response)
        throws ServletException, IOException {
        response.setContentType("text/html;charset=UTF-8");
        PrintWriter out = response.getWriter();

        int Id = Integer.parseInt(request.getParameter("id"));
        String first_name = request.getParameter("fname");
        String second_name = request.getParameter("sname");
        int Number =
Integer.parseInt(request.getParameter("number"));

```

```
int Balance = Integer.parseInt(request.getParameter("bal"));
```

```
        try  
{
```

```
            Class.forName("org.apache.derby.jdbc.EmbeddedDriver");//  
driver class name  
            // database path  
            Connection cn =  
DriverManager.getConnection("jdbc:derby://localhost:1527/ccpcpro  
");
```

```
            Statement st = cn.createStatement();
```

```
            String str = "update account set  
first_name='"+first_name+"',second_name  
='"+second_name+"',Number='"+Number+"',balance='"+Balance+"  
where ID = '"+Id+"'";
```

```

        st.executeUpdate(str);

    }

    catch(Exception e)
    {
        out.println(e.getMessage());
    }

    out.println("<div style=\"border: 5px outset red;background-color: lightblue;text-align: center;\">Record Updated SuccesFully</div>");

    out.println("<div id=\"button\" style=\"background-color: black;color: blueviolet;border: 2px solid #4CAF50;\" ><a href=\"hub.html\">Back</a></div>");

}

// <editor-fold defaultstate="collapsed" desc="HttpServlet methods. Click on the + sign on the left to edit the code.">

/**
 * Handles the HTTP <code>GET</code> method.
 *
 * @param request servlet request
 * @param response servlet response
 * @throws ServletException if a servlet-specific error occurs
 * @throws IOException if an I/O error occurs
 */

```

@Override

```
protected void doGet(HttpServletRequest request,  
HttpServletRequest response)
```

```
    throws ServletException, IOException {
```

```
    processRequest(request, response);
```

```
}
```

```
/**
```

```
 * Handles the HTTP <code>POST</code> method.
```

```
 *
```

```
 * @param request servlet request
```

```
 * @param response servlet response
```

```
 * @throws ServletException if a servlet-specific error occurs
```

```
 * @throws IOException if an I/O error occurs
```

```
 */
```

@Override

```
protected void doPost(HttpServletRequest request,  
HttpServletRequest response)
```

```
    throws ServletException, IOException {
```

```
    processRequest(request, response);
```

```
}
```

```
/**
```

```
 * Returns a short description of the servlet.
```

```

*
* @return a String containing servlet description
*/
@Override
public String getServletInfo() {
    return "Short description";
} // </editor-fold>

}

```

[whatodo.java](#)

```

/*
* To change this license header, choose License Headers in Project
Properties.
* To change this template file, choose Tools | Templates
* and open the template in the editor.
*/

```

```

import java.io.IOException;
import java.io.PrintWriter;
import java.util.Scanner;
import javax.servlet.ServletException;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;

```



```
import java.sql.*;
```

```
/**
```

```
*
```

```
* @author LAXMINARAYANRO
```

```
*/
```

```
public class whatodo extends HttpServlet {
```

```
    /**
```

```
        * Processes requests for both HTTP <code>GET</code> and  
<code>POST</code>
```

```
        * methods.
```

```
        *
```

```
        * @param request servlet request
```

```
        * @param response servlet response
```

```
        * @throws ServletException if a servlet-specific error occurs
```

```
        * @throws IOException if an I/O error occurs
```

```
        */
```

```
        protected void processRequest(HttpServletRequest request,  
        HttpServletResponse response)
```

```
            throws ServletException, IOException {
```

```
            response.setContentType("text/html;charset=UTF-8");
```

```
            PrintWriter out = response.getWriter();
```

```
int Id = Integer.parseInt(request.getParameter("id"));
String first_name = request.getParameter("fname");
String second_name = request.getParameter("sname");
int Number =
Integer.parseInt(request.getParameter("number"));
int Balance = Integer.parseInt(request.getParameter("bal"));
```

```
try
{
```

```
    Class.forName("org.apache.derby.jdbc.EmbeddedDriver");//
driver class name

    // database path

    Connection cn =
DriverManager.getConnection("jdbc:derby://localhost:1527/ccpcpro
");
```

```

        Statement st = cn.createStatement();

        String str = "insert into account values(
"+Id+", '"+first_name+"', '"+second_name+"', '"+Number+"', '"+Balance+
"  )";

        st.executeUpdate(str);

    }

    catch(Exception e)

    {

        out.println(e.getMessage());

    }

    out.println("<div style=\"border: 5px outset red;background-
color: lightblue;text-align: center;\">Record Added
SuccesFully</div>");

    out.println("<div id=\"button\" style=\"background-color:
black;color: blueviolet;border: 2px solid #4CAF50;\" ><a
href=\"hub.html\">Back</a></div>");

}

```

// <editor-fold defaultstate="collapsed" desc="HttpServlet methods. Click on the + sign on the left to edit the code.">

/**

* Handles the HTTP <code>GET</code> method.

*

* @param request servlet request

* @param response servlet response

```

    * @throws ServletException if a servlet-specific error occurs
    * @throws IOException if an I/O error occurs
    */

    @Override
    protected void doGet(HttpServletRequest request,
        HttpServletResponse response)
        throws ServletException, IOException {
        processRequest(request, response);
    }

    /**
     * Handles the HTTP <code>POST</code> method.
     *
     * @param request servlet request
     * @param response servlet response
     * @throws ServletException if a servlet-specific error occurs
     * @throws IOException if an I/O error occurs
     */
    @Override
    protected void doPost(HttpServletRequest request,
        HttpServletResponse response)
        throws ServletException, IOException {
        processRequest(request, response);
    }

```

```
/**
 * Returns a short description of the servlet.
 *
 * @return a String containing servlet description
 */
@Override
public String getServletInfo() {
    return "Short description";
} // </editor-fold>

}
```

[withdraw.java](#)

```
import java.io.IOException;
import java.io.PrintWriter;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.Statement;
import javax.servlet.ServletException;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
```

```

/**
 *
 * @author LAXMINARAYANRO
 */
public class withdraw extends HttpServlet {

    /**
     * Processes requests for both HTTP GET and
     POST
     * methods.
     *
     * @param request servlet request
     * @param response servlet response
     * @throws ServletException if a servlet-specific error occurs
     * @throws IOException if an I/O error occurs
     */
    protected void processRequest(HttpServletRequest request,
        HttpServletResponse response)
        throws ServletException, IOException {
        response.setContentType("text/html;charset=UTF-8");
        PrintWriter out = response.getWriter();
        //response.setContentType("text/html");
        //out.println("<html><body>");
    }
}

```

```
int id = Integer.parseInt(request.getParameter("id"));

int amount =
Integer.parseInt(request.getParameter("amount"));


response.setContentType("text/html");
out.println("<html><body>");


//int id=1;
try {
    Class.forName("org.apache.derby.jdbc.EmbeddedDriver");//
driver class name

    // database path

    Connection cn =
DriverManager.getConnection("jdbc:derby://localhost:1527/ccpcpro
");

    Statement str = cn.createStatement();

    PreparedStatement pst = cn.prepareStatement("select * from
account where id = ?");

    pst.setInt(1, id);

    ResultSet rs = pst.executeQuery();

    int dataamount = 0;
```

```
if (rs.next()) {  
    dataamount = amount - rs.getInt(5);  
}
```

```
PreparedStatement pst1 = cn.prepareStatement("update  
account set balance=? where id=" + id + "");
```

```
pst1.setInt(1, dataamount);
```

```
pst1.executeUpdate();
```

```
pst.setInt(1, id);
```

```
cn.close();
```

```
} catch (Exception e) {
```

```
    out.println(e.getMessage());
```

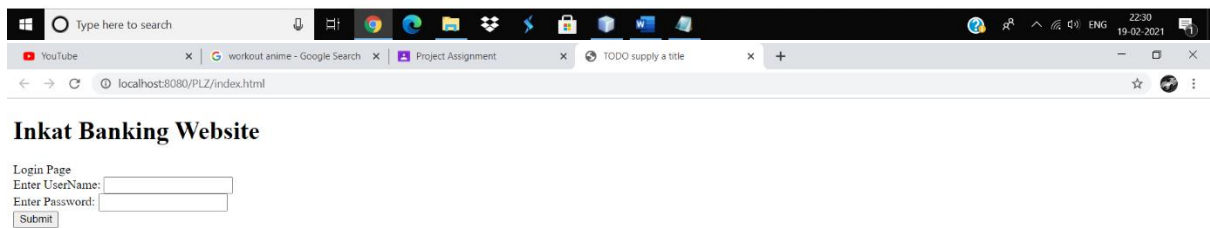
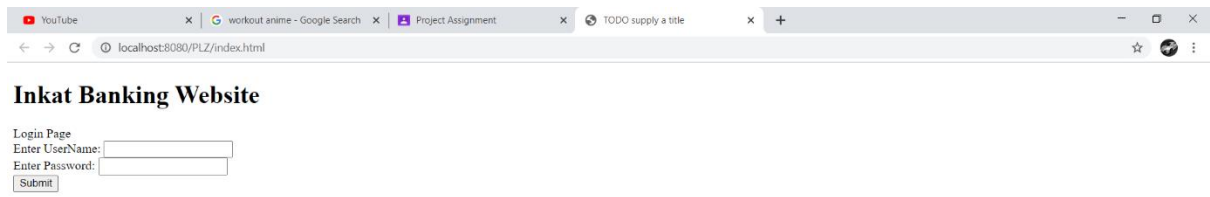
```
}
```

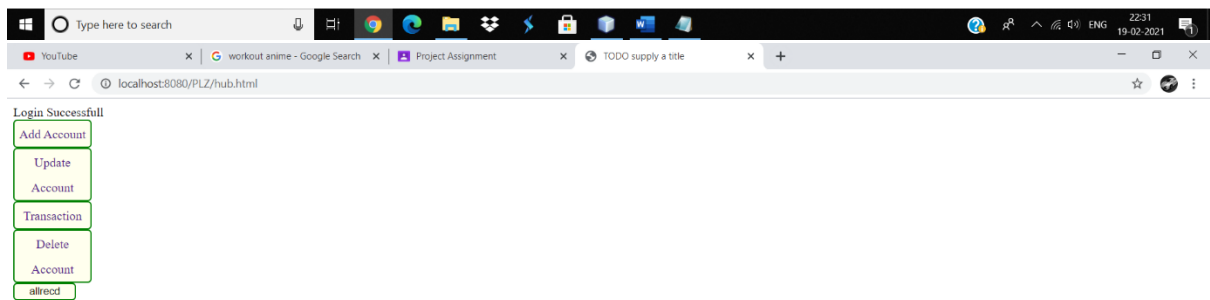
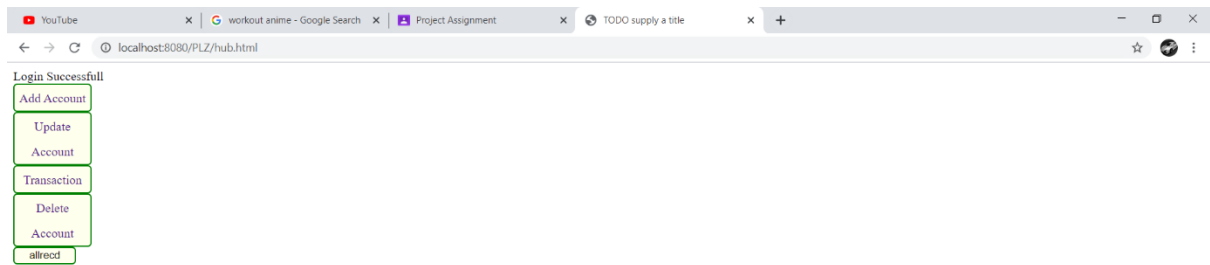
```
out.println("<div style=\"border: 5px outset red;background-  
color: lightblue;text-align: center;\">Transaction Was  
Successfull</div>");
```

```
out.println("<div id=\"button\" style=\"background-color:  
black;color: blueviolet;border: 2px solid #4CAF50;\" ><a  
href=\"balac.html\">Back</a></div>");
```

```
}
```

```
}
```



YouTube x workout anime - Google Search x Project Assignment x TODO supply a title x +

localhost:8080/PLZ/ada.html

Add Account

Enter ID:

8

Enter First Name:

Ganesh

Enter Second Name:

Gupta

Enter Mobile NO:

902434333

Enter Balance:

780000

Add Record Reset Record

Type here to search

YouTube x workout anime - Google Search x Project Assignment x TODO supply a title x +

localhost:8080/PLZ/ada.html

Add Account

Enter ID:

8

Enter First Name:

Ganesh

Enter Second Name:

Gupta

Enter Mobile NO:

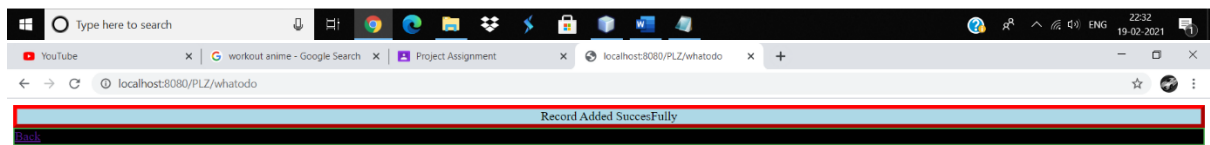
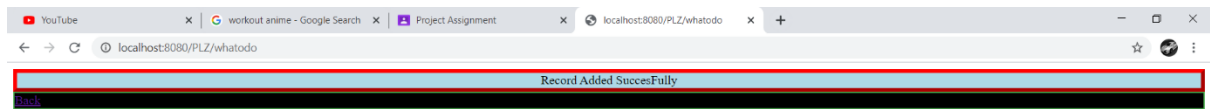
902434333

Enter Balance:

780000

Add Record Reset Record

Type here to search



YouTube x workout anime - Google Search x Project Assignment x TODO supply a title x +

localhost:8080/PLZ/ada.html

Add Account

Enter ID:

7823422

Enter First Name:

Noel

Enter Second Name:

Gupta

Enter Mobile NO:

908742224

Enter Balance:

78000

Add Record Reset Record

Type here to search

YouTube x workout anime - Google Search x Project Assignment x TODO supply a title x +

localhost:8080/PLZ/ada.html

Add Account

Enter ID:

7823422

Enter First Name:

Noel

Enter Second Name:

Gupta

Enter Mobile NO:

908742224

Enter Balance:

78000

Add Record Reset Record

Type here to search

Update Account Account

Enter ID:
7823422

Enter First Name:
Neel

Enter Second Name:
Gupta

Enter Mobile NO:
22442242

Enter Balance:
78000

[Update Record](#) [Reset Record](#)

[Back](#)

Update Account Account

Enter ID:
7823422

Enter First Name:
Neel

Enter Second Name:
Gupta

Enter Mobile NO:
22442242

Enter Balance:
78000

[Update Record](#) [Reset Record](#)

[Back](#)

Update Account Account

Enter ID:
7823422

Enter First Name:
Neel

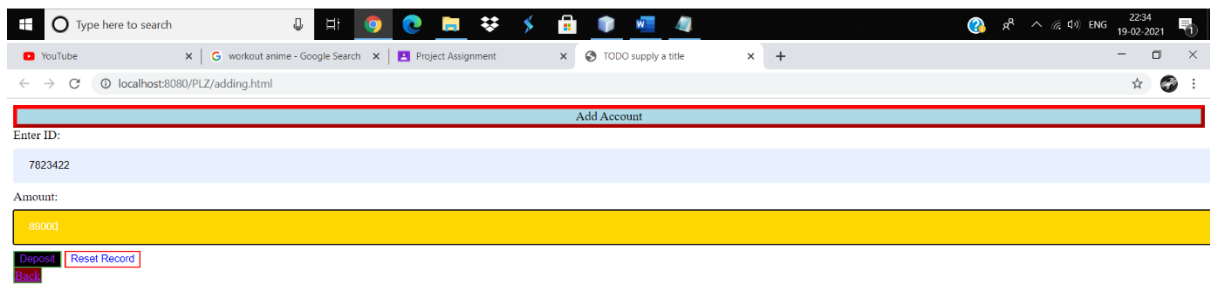
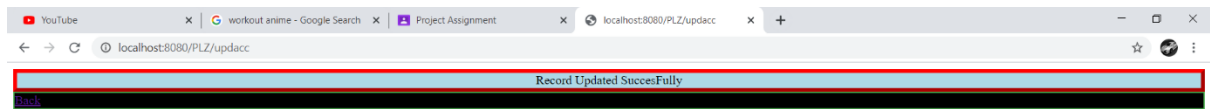
Enter Second Name:
Gupta

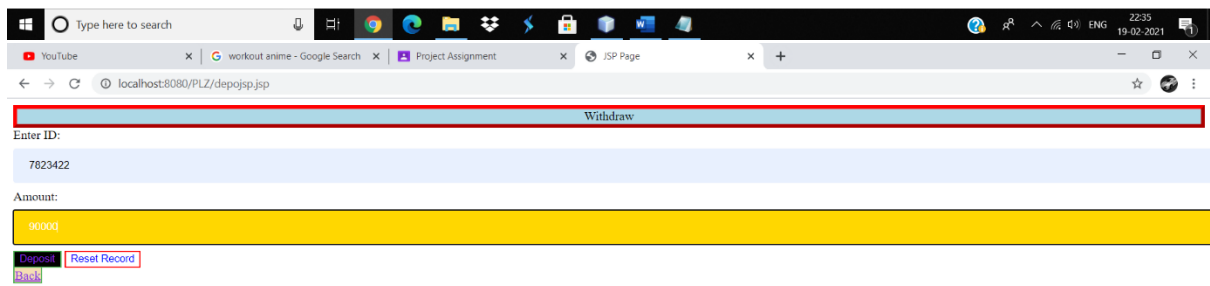
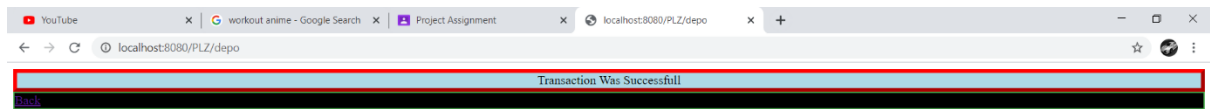
Enter Mobile NO:
22442242

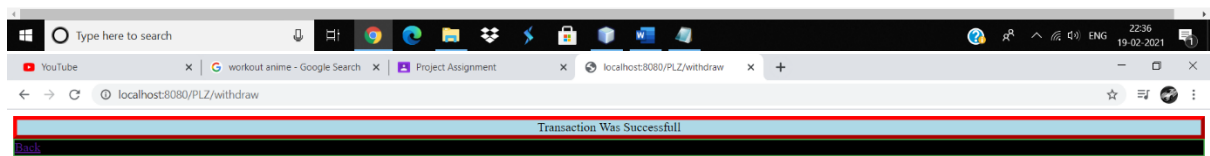
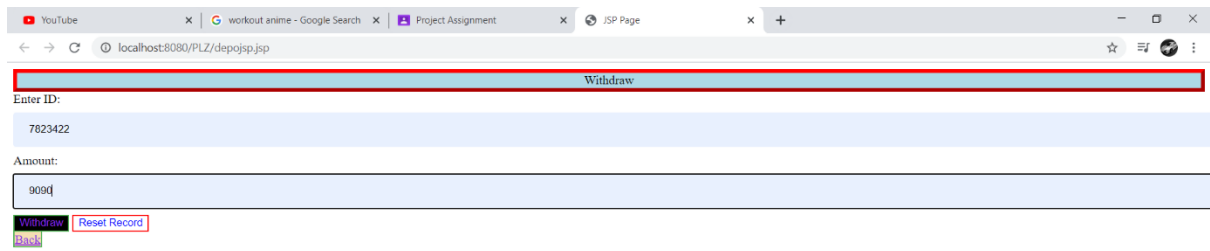
Enter Balance:
78000

[Update Record](#) [Reset Record](#)

[Back](#)







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localhost:8080/PLZ/balancing2.html

Balance

Enter ID:

7823422

Show Balance | Reset Record

Type here to search

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localhost:8080/PLZ/show

ID	First Name	Second Name	Phone Number	Balance
7823422	Neel	Gupta	22442242	-157910

Back

Browser tabs: YouTube, workout anime - Google Search, Project Assignment, localhost:8080/PLZ/allrecd

Address bar: localhost:8080/PLZ/allrecd

ID	First Name	Second Name	Phone Number	Balance
1	dad	Appari	6868768	-30597
8	Ganesh	Gupta	902434333	780000
7823422	Neel	Gupta	22442242	-157910

allrecd

Windows taskbar: Type here to search, 22:36, 19-02-2021

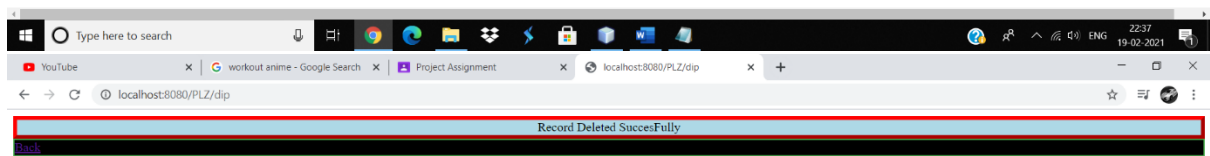
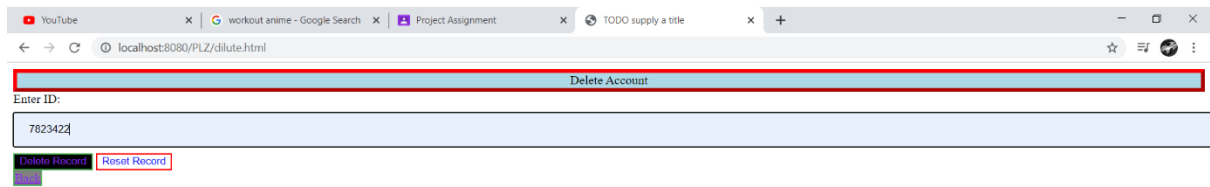
Browser tabs: YouTube, workout anime - Google Search, Project Assignment, TODO supply a title

Address bar: localhost:8080/PLZ/hub.html

Login Successfull

- Add Account
- Update Account
- Transaction
- Delete Account
- allrecd

Windows taskbar: Type here to search, 22:37, 19-02-2021



ID	First Name	Second Name	Phone Number	Balance
1	dad	Appari	6868768	-30597
8	Ganesh	Gupta	902434333	780000