

04.06.2022

ICIN BANK CAPSTONE PROJECT SOURCE CODE

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account.sql

```
CREATE TABLE "PIAL"."ACCOUNT"
(
  "ID" VARCHAR2(10 BYTE),
  "F_NAME" VARCHAR2(20 BYTE),
  "L_NAME" VARCHAR2(20 BYTE),
  "ADDRESS" VARCHAR2(60 BYTE),
  "CITY" VARCHAR2(15 BYTE),
  "BRANCH" VARCHAR2(15 BYTE),
  "ZIP" VARCHAR2(8 BYTE),
  "USERNAME" VARCHAR2(20 BYTE),
  "PASSWORD" VARCHAR2(30 BYTE),
  "PHONE" VARCHAR2(15 BYTE),
  "EMAIL" VARCHAR2(30 BYTE),
  "ACCOUNT_TYPE" VARCHAR2(15 BYTE),
  "REG_DATE" VARCHAR2(15 BYTE)
) SEGMENT CREATION IMMEDIATE
PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255
NOCOMPRESS LOGGING
  STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1
MAXEXTENTS 2147483645
  PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1
BUFFER_POOL DEFAULT FLASH_CACHE DEFAULT CELL_FLASH_CACHE
DEFAULT)
TABLESPACE "SYSTEM" ;
REM INSERTING into PIAL.ACCOUNT
SET DEFINE OFF;
Insert into PIAL.ACCOUNT
(ID,F_NAME,L_NAME,ADDRESS,CITY,BRANCH,ZIP,USERNAME,PASSW
ORD,PHONE,EMAIL,ACCOUNT_TYPE,REG_DATE) values
('PiSa532991','Pial
```

```

Kanti','Samadder','Keranigonj,Dhaka','Dhaka','Dhaka','13
04','PialKanti','1234','01676277976','pialkanti2012@gmai
l.com','Current Account','15/04/2017');
Insert into PIAL.ACCOUNT
(ID,F_NAME,L_NAME,ADDRESS,CITY,BRANCH,ZIP,USERNAME,PASSW
ORD,PHONE,EMAIL,ACCOUNT_TYPE,REG_DATE) values
('RaBh863299','Rajesh','Bhartia','Mymensingh','Mymensing
h','Mymensingh','2210','rkBhartia','1234','01455699554',
'rbhartiamuk@gmail.com','Saving Account','16/04/2017');
Insert into PIAL.ACCOUNT
(ID,F_NAME,L_NAME,ADDRESS,CITY,BRANCH,ZIP,USERNAME,PASSW
ORD,PHONE,EMAIL,ACCOUNT_TYPE,REG_DATE) values
('GrBa240230','Green','Bank','KUET','Khulna','Khulna','1
540','admin','admin','13234558','admin@greenbank.com','S
aving Account','23/04/2017');

```

Amount.sql

```

CREATE TABLE "PIAL"."AMOUNT"
(  "ID" VARCHAR2(10 BYTE),
  "AMOUNT" NUMBER(*,0)
) SEGMENT CREATION IMMEDIATE
PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255
NOCOMPRESS LOGGING
  STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1
MAXEXTENTS 2147483645
  PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1
BUFFER_POOL DEFAULT FLASH_CACHE DEFAULT CELL_FLASH_CACHE
DEFAULT)
TABLESPACE "SYSTEM" ;
REM INSERTING into PIAL.AMOUNT

```

```
SET DEFINE OFF;
Insert into PIAL.AMOUNT (ID,AMOUNT) values
('RaBh863299',80000);
Insert into PIAL.AMOUNT (ID,AMOUNT) values
('GrBa240230',0);
Insert into PIAL.AMOUNT (ID,AMOUNT) values
('PiSa532991',370000);
```

Deposit.sql

```
CREATE TABLE "PIAL"."DEPOSIT"
(  "ID" VARCHAR2(10 BYTE),
  "YEAR" NUMBER(*,0),
  "INTEREST" NUMBER(*,0),
  "AMOUNT" NUMBER(*,0),
  "DEPOSIT_DATE" VARCHAR2(30 BYTE)
) SEGMENT CREATION IMMEDIATE
PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255
STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1
MAXEXTENTS 2147483645
PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1
BUFFER_POOL DEFAULT FLASH_CACHE DEFAULT CELL_FLASH_CACHE
DEFAULT)
TABLESPACE "SYSTEM" ;
REM INSERTING into PIAL.DEPOSIT
SET DEFINE OFF;
Insert into PIAL.DEPOSIT
(ID,YEAR,INTEREST,AMOUNT,DEPOSIT_DATE) values
('PiSa532991',1,8,100000,'2017/04/20 04:19:56');
```

Loan.sql

```
CREATE TABLE "PIAL"."LOAN"
(  "ID" VARCHAR2(10 BYTE),
  "AMOUNT" NUMBER(*,0),
  "STATUS" VARCHAR2(8 BYTE),
  "FIRST_NAME" VARCHAR2(20 BYTE),
  "LAST_NAME" VARCHAR2(20 BYTE),
  "ADDRESS" VARCHAR2(60 BYTE),
  "EMAIL" VARCHAR2(30 BYTE)
) SEGMENT CREATION IMMEDIATE
PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255
NOCOMPRESS LOGGING
  STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1
MAXEXTENTS 2147483645
  PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1
  BUFFER_POOL DEFAULT FLASH_CACHE DEFAULT CELL_FLASH_CACHE
  DEFAULT)
  TABLESPACE "SYSTEM" ;
REM INSERTING into PIAL.LOAN
SET DEFINE OFF;
Insert into PIAL.LOAN
(ID,AMOUNT,STATUS,FIRST_NAME,LAST_NAME,ADDRESS,EMAIL)
values
('RaBh863299',200000,'pending','Rajesh','Bhartia','Mymen
singh','rbhartiamuk@gmail.com');
Insert into PIAL.LOAN
(ID,AMOUNT,STATUS,FIRST_NAME,LAST_NAME,ADDRESS,EMAIL)
values ('PiSa532991',100000,'pending','Pial
```

```
Kanti','Samadder','Keranigonj,Dhaka','pialkanti2012@gmail.com');  
Insert into PIAL.LOAN  
(ID,AMOUNT,STATUS,FIRST_NAME,LAST_NAME,ADDRESS,EMAIL)  
values ('PiSa532991',20000,'success','Pial  
Kanti','Samadder','Keranigonj,Dhaka','pialkanti2012@gmail.com');
```

JDBC Connect.java

```
package com.green.bank.database;  
  
import java.beans.Statement;  
import java.sql.Connection;  
import java.sql.DriverManager;  
import java.sql.SQLException;  
  
public class JDBC_Connect {  
    private Connection connection = null;  
  
    public Connection getConnection() throws  
SQLException {  
        try {  
  
Class.forName("oracle.jdbc.driver.OracleDriver");  
            connection =  
DriverManager.getConnection("jdbc:oracle:thin:@localhost  
:1521:xe", "pial", "p1207045");  

```

```
        } catch (ClassNotFoundException e) {  
  
            System.out.println("Where is your Oracle  
JDBC Driver?");  
            e.printStackTrace();  
  
        }  
        return connection;  
    }  
}
```

AccountModel.java

```
package com.green.bank;  
  
import java.io.IOException;  
import java.io.PrintWriter;  
import java.text.DateFormat;  
import java.text.SimpleDateFormat;  
import java.util.Date;  
import java.util.Random;  
  
import javax.servlet.RequestDispatcher;  
import javax.servlet.ServletException;  
import javax.servlet.annotation.WebServlet;  
import javax.servlet.http.HttpServlet;  
import javax.servlet.http.HttpServletRequest;  
import javax.servlet.http.HttpServletResponse;  
  
import com.green.bank.model.AccountModel;
```

```
public class CreateAccountServlet extends HttpServlet {
    String account_no, first_name, last_name, address,
    city, branch, zip, username, password, re_password,
        phone_number, email, account_type;
    int amount;

    protected void doPost(HttpServletRequest request,
        HttpServletResponse response)
        throws ServletException, IOException {
        PrintWriter out = response.getWriter();

        first_name = request.getParameter("first_name");
        last_name = request.getParameter("last_name");
        address = request.getParameter("address");
        city = request.getParameter("city");
        branch = request.getParameter("branch");
        zip = request.getParameter("zip");
        username = request.getParameter("username");
        password = request.getParameter("password");
        re_password =
request.getParameter("re_password");
        phone_number = request.getParameter("phone");
        email = request.getParameter("email");
        account_type =
request.getParameter("account_type");
        amount =
Integer.parseInt(request.getParameter("amount"));

        // Generating account number
        Random rand = new Random();
        int random_num = 100000 + rand.nextInt(999999);
```



```
        account_no = first_name.substring(0, 2) +
last_name.substring(0, 2) + random_num;
        System.out.println(account_no);

        //Getting Current date
        DateFormat df = new
SimpleDateFormat("dd/MM/yyyy");
        String reg_date = df.format(new Date());

        // Setting all variables to model class
        AccountModel am = new AccountModel();
        am.setAccount_no(account_no);
        am.setFirst_name(first_name);
        am.setLast_name(last_name);
        am.setAddress(address);
        am.setCity(city);
        am.setBranch(branch);
        am.setZip(zip);
        am.setUsername(username);
        am.setPassword(password);
        am.setPhone_number(phone_number);
        am.setEmail(email);
        am.setAccount_type(account_type);
        am.setAmount(amount);
        am.setReg_date(reg_date);

        if (password.equals(re_password)) {
            request.setAttribute("Account_details", am);
            RequestDispatcher rd =
request.getRequestDispatcher("create_account_progress.js
p");
```

```
        rd.forward(request, response);

    } else {
        request.setAttribute("not_match", "yes");
        RequestDispatcher rd =
request.getRequestDispatcher("create_account.jsp");
        rd.forward(request, response);
    }
}

}
```

DepositSchemeServlet.java

```
package com.green.bank;

import java.io.IOException;
import java.sql.Connection;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.sql.Statement;

import javax.servlet.RequestDispatcher;
import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import javax.servlet.http.HttpSession;
```

```

import com.green.bank.database.DatabaseOperations;
import com.green.bank.database.JDBC_Connect;
import com.green.bank.model.AccountModel;
import com.green.bank.model.DepositSchemeModel;

import oracle.net.aso.b;
import oracle.net.aso.d;

public class DepositSchemeServlet extends HttpServlet {
    String account_no, deposit_amount, value;
    int year, interest_rate, amount;
    Connection conn;
    Statement stmt;
    boolean pass_wrong = false;

    protected void doPost(HttpServletRequest request,
        HttpServletResponse response)
        throws ServletException, IOException {
        account_no = request.getParameter("account_no");
        year =
Integer.parseInt(request.getParameter("year"));
        interest_rate =
Integer.parseInt(request.getParameter("interest_rate"));
        deposit_amount =
request.getParameter("deposit_amount");
        value = request.getParameter("value");

        if (deposit_amount.equals("1,00,000&#2547;")) {
            amount = 100000;
        } else if
(deposit_amount.equals("3,00,000&#2547;")) {

```

```

        amount = 300000;

    } else if
(deposit_amount.equals("5,00,000&#2547;")) {
        amount = 500000;
    }

    DepositSchemeModel dpModel = new
DepositSchemeModel();
    dpModel.setAccount_no(account_no);
    dpModel.setYear(year);
    dpModel.setInterest_rate(interest_rate);
    dpModel.setAmount(amount);
    dpModel.setValue(value);

    try {
        JDBC_Connect connect = new JDBC_Connect();
        Connection conn = connect.getConnection();
        DatabaseOperations operations = new
DatabaseOperations();

        AccountModel am =
operations.getAccountDetails(conn, account_no);

        if (am.getAmount() >= amount) {
            int main_amount = am.getAmount() -
amount;

            PreparedStatement ps =
conn.prepareStatement("update amount set amount=? where
id= ?");

            ps.setInt(1, main_amount);

```

```

        ps.setString(2, account_no);
        ps.executeUpdate();

        boolean allRight =
operations.insertDepositScheme(dpModel);
        request.setAttribute("DepositScheme",
dpModel);
        request.setAttribute("allRight",
allRight);

        RequestDispatcher rd =
request.getRequestDispatcher("deposit_scheme_progress.js
p");

        rd.forward(request, response);

    } else {
        request.setAttribute("Not_Enough",
"Yes");

        RequestDispatcher rd =
request.getRequestDispatcher("single_deposit_scheme.jsp?
value=" + value);
        rd.forward(request, response);
    }

    } catch (Exception e) {
        e.printStackTrace();
    }
}
}

```

LoanServlet.java

```
package com.green.bank;
import java.io.IOException;

import javax.servlet.RequestDispatcher;
import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;

import com.green.bank.database.DatabaseOperations;
import com.green.bank.model.LoanModel;

public class LoanServlet extends HttpServlet {
    int loan_amount;
    String
account_no,first_name,last_name,address,email;

    protected void doPost(HttpServletRequest request,
HttpServletRequest response)
        throws ServletException, IOException {
        account_no = request.getParameter("account_no");
        loan_amount =
Integer.parseInt(request.getParameter("loan_amount"));
        first_name = request.getParameter("first_name");
        last_name = request.getParameter("last_name");
        address = request.getParameter("address");
        email = request.getParameter("email");

        LoanModel lModel = new LoanModel();
        lModel.setAccount_no(account_no);
```

```
lModel.setFirst_name(first_name);
lModel.setLast_name(last_name);
lModel.setAddress(address);
lModel.setEmail(email);
lModel.setLoan_amount(loan_amount);
lModel.setStatus("pending");

try {
    DatabaseOperations operations = new
DatabaseOperations();
    boolean check =
operations.insertLoanDetails(lModel);

    if(check){
        RequestDispatcher rd =
request.getRequestDispatcher("loan_process.jsp");
        request.setAttribute("loan_details",
lModel);

        rd.forward(request, response);
    }
    else{
        RequestDispatcher rd =
request.getRequestDispatcher("loan_process.jsp");
        request.setAttribute("error", "yes");
        rd.forward(request, response);
    }
} catch (Exception e) {
    e.printStackTrace();
}
}
```

TransferServlet.java

```
package com.green.bank;

import java.io.IOException;
import java.sql.Connection;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.sql.Statement;

import javax.servlet.RequestDispatcher;
import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import javax.servlet.http.HttpSession;

import com.green.bank.database.JDBC_Connect;
import com.green.bank.model.AccountModel;

public class TransferServlet extends HttpServlet {
    String account_no, username, target_acc_no,
password;
    Connection conn;
    Statement stmt;
    boolean pass_wrong = false;
    int own_amount, transfer_amount, recipient_amount;
```



```

protected void doPost(HttpServletRequest request,
HttpServletRequest response)
    throws ServletException, IOException {
    account_no = request.getParameter("account_no");
    username = request.getParameter("username");
    target_acc_no =
request.getParameter("target_acc_no");
    password = request.getParameter("password");
    transfer_amount =
Integer.parseInt(request.getParameter("amount"));

    try {
        JDBC_Connect connect = new JDBC_Connect();
        conn = connect.getConnection();

        stmt = conn.createStatement();

        ResultSet rsOwn = stmt.executeQuery("select
* from account where id='" + account_no + "' and
username='"
                                + username + "' and password='" +
password + "'");

        ResultSet rstTarget =
stmt.executeQuery("select * from account where id='" +
target_acc_no + "'");

        if (!rsOwn.isBeforeFirst() &&
!rstTarget.isBeforeFirst()) {
            request.setAttribute("isPassOK", "No");

```

```
RequestDispatcher rd =
request.getRequestDispatcher("transfer.jsp");
rd.forward(request, response);
} else {
    System.out.println("I am in");
    ResultSet rs1 =
stmt.executeQuery("select * from amount where id='" +
account_no + "'");

    while (rs1.next()) {
        own_amount = rs1.getInt(2);
    }

    if (own_amount >= transfer_amount) {
        own_amount -= transfer_amount;

        ResultSet rs2 =
stmt.executeQuery("select * from amount where id='" +
target_acc_no + "'");

        while (rs2.next()) {
            recipient_amount =
rs2.getInt(2);
        }

        recipient_amount += transfer_amount;

        PreparedStatement ps =
conn.prepareStatement("update amount set amount=? where
id= ?");

        ps.setInt(1, own_amount);
```

```

        ps.setString(2, account_no);
        ps.executeUpdate();

        PreparedStatement ps1 =
conn.prepareStatement("update amount set amount=? where
id= ?");

        ps1.setInt(1, recipient_amount);
        ps1.setString(2, target_acc_no);
        ps1.executeUpdate();

        conn.close();

        RequestDispatcher rd =
request.getRequestDispatcher("transfer_process.jsp");
        rd.forward(request, response);
    }else{
        conn.close();
        request.setAttribute("EnoughMoney",
"No");

        RequestDispatcher rd =
request.getRequestDispatcher("transfer.jsp");
        rd.forward(request, response);
    }

}

} catch (SQLException e) {
    e.printStackTrace();
}

}
}

```

Changepassword.jsp

```
<%@ page language="java" contentType="text/html;
charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01
Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html>
<head>
<meta http-equiv="Content-Type" content="text/html;
charset=ISO-8859-1">
<title>Insert title here</title>
<link rel="shortcut icon" type="image/png"
href="image/favicon.png" />
<link rel="stylesheet" type="text/css"
href="css/change_password.css">
<link href="bootstrap/css/bootstrap.min.css"
rel="stylesheet">

<script

src="https://ajax.googleapis.com/ajax/libs/jquery/1.12.4
/jquery.min.js"></script>
<script type="text/javascript"
src="bootstrap/js/bootstrap.min.js"></script>
<script type="text/javascript"
src="js/passwordChecker.js"></script>
</head>
<body>
    <div class="row">
```

```
<jsp:include page="header.jsp" />
</div>
<div class="container-fullwidth">
  <div class="row" style="margin-top: 50px;">
    <div class="col-md-4 col-md-offset-4">
      <form role="form">
        <h2>Change Password</h2>
        <div class="col-md-12">
          <hr class="colorgraph">
        </div>
        <label class="col-md-4 control-label">Current Password</label>
        <div class="col-sm-8 form-group">
          <input type="password" required
            placeholder="Enter Current Password.." class="form-control">
        </div>
        <label class="col-md-4 control-label">New Password</label>
        <div class="col-sm-8 form-group">
          <input type="password" required
            placeholder="Enter New Password.."
            class="form-control"
            id="password">
        </div>
        <label class="col-md-4 control-label">Re-Password</label>
        <div class="col-sm-8 form-group">
          <input type="password" required
            placeholder="Enter Re-Password.."
```

```

                                class="form-control"
id="re_password"
                                onkeyup="checkPass(); return
false;">
                                </div>
                                <p id="confirmMessage" class="text-
center" style="margin-top: 10px;"></p>

                                <div class="col-md-12">
                                    <hr class="colorgraph">
                                </div>
                                <div class="row col-md-10 col-md-
offset-1">
                                    <div class="col-xs-6 col-md-6">
                                        <input type="submit"
value="Submit"
                                        class="btn btn-success
btn-block btn-md" tabindex="7">
                                    </div>
                                    <div class="col-xs-6 col-md-6">
                                        <input class="btn btn-danger
btn-block btn-md" type="reset"
                                        value="Clear">
                                    </div>
                                </div>
                                </div>
                                </form>
                                </div>
                                </div>

                                <!-- Footer start here -->
                                <div class="row" style="margin-top: 50px;">

```

```
        <jsp:include
page="footer.jsp"></jsp:include>
    </div>
</div>
</body>
</html>
```

Create account.jsp

```
<%@ page language="java" contentType="text/html;
charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01
Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html>
<head>
<meta http-equiv="Content-Type" content="text/html;
charset=ISO-8859-1">
<title>Create new account</title>
<link rel="shortcut icon" type="image/png"
href="image/favicon.png" />
<link rel="stylesheet" type="text/css"
href="css/create_account.css">
<link href="bootstrap/css/bootstrap.min.css"
rel="stylesheet">

<script

src="https://ajax.googleapis.com/ajax/libs/jquery/1.12.4
/jquery.min.js"></script>
```

```

<script type="text/javascript"
src="bootstrap/js/bootstrap.min.js"></script>
<script type="text/javascript"
src="js/passwordChecker.js"></script>
</head>
<body>
    <div class="row">
        <jsp:include page="header.jsp" />
    </div>
    <div class="container-fullwidth">
        <div class="row">
            <div class="account col-md-6 col-md-offset-
3">
                <h1 class="well text-center">Create New
Account</h1>
                <div class="col-lg-12 well">
                    <div class="row">
                        <form
action="CreateAccountServlet" method="post">
                            <div class="col-sm-12">
                                <div class="row">
                                    <div class="col-sm-6
form-group">
                                        <label
class="required">First Name</label><input type="text"
placeholder="Enter First Name Here.." class="form-
control"
name="first_name" required>
                                    </div>
                                </div>
                            </div>
                        </form>
                    </div>
                </div>
            </div>
        </div>
    </div>

```



```

        <div class="col-sm-6
form-group">
            <label
class="required">Last Name</label> <input type="text"
placeholder="Enter Last Name Here.." class="form-
control"
name="last_name" required>
        </div>
    </div>
    <div class="form-group">
        <label
class="required">Address</label>
        <textarea
placeholder="Enter Address Here.." rows="3"
class="form-
control" name="address" required></textarea>
    </div>
    <div class="row">
        <div class="col-sm-4
form-group">
            <label>City</label> <input type="text"
placeholder="Enter City Name Here.." class="form-
control"
name="city">
        </div>
        <div class="col-sm-4
form-group">

```

```

<label
class="required">Branch Name</label>
<div
class="input-group-btn">
<select
class="form-control btn btn-default" name="branch"
required>
<option>Dhaka</option>
<option>Khulna</option>
<option>Chittagong</option>
<option>Rajshahi</option>
<option>Sylhet</option>
<option>Mymensingh</option>
<option>Rangpur</option>
<option>Comilla</option>
</select>
</div>
</div>
<div class="col-sm-4
form-group">
<label>Zip</label> <input type="text"
placeholder="Enter Zip Code Here.." class="form-control"
name="zip">

```

```

        </div>
    </div>
    <div class="form-group">
        <label
class="required">User Name</label> <input type="text"
placeholder="Enter User Name Here.." class="form-
control"
                                name="username"
required>
        </div>
    <div class="row">
        <div class="col-sm-6
form-group">
            <label
class="required">Password</label> <input
type="password" required placeholder="Enter Password
Here.." min="5"
                                class="form-
control" name="password" id="password">
        </div>
        <div class="col-sm-6
form-group">
            <label
class="required">Re-password</label> <input
type="password" required
placeholder="Enter Re-password Here.." class="form-
control"

```

```

name="re_password" id="re_password"

onkeyup="checkPass(); return false;">
        <p
id="confirmMessage" style="margin-top: 10px;"></p>
        </div>
    </div>
    <div class="form-group">
        <label
class="required">Phone Number</label> <input type="tel"
placeholder="Enter Phone Number Here.." class="form-
control"
        name="phone"
required>
        </div>
    <div class="form-group">
        <label
class="required">Email Address</label> <input
type="text"
placeholder="Enter Email Address Here.."
class="form-
control" name="email" required>
        </div>
    <div class="row">
        <div class="col-sm-6
form-group">
            <label
class="required">Choose Account type</label>

```

```

<div
class="input-group-btn">
    <select class="form-control btn btn-
default"
name="account_type" required>
        <option>Saving Account</option>
        <option>Current
Account</option>
    </select>
</div>
</div>
<div class="col-sm-6
form-group">
    <label
class="required">Amount</label> <input type="number"
placeholder="Enter Intial Amount Here.." class="form-
control"
name="amount" required>
    </div>
</div>
<div class="form-group">
    <span class="text-
muted"><em><span
style="color: red; font-size: 14px">*</span> Indicates
required
field</em> </span>
    </div>
<%

```

```

String not_match =
(String) request.getAttribute("not_match");

System.out.println(not_match);

if (not_match !=
null && not_match.equals("yes")) {
    %>
    <div class="form-group">
        <p class="bg-danger
text-center text-danger"
                                style="font-
size: 18px;">Password doesn't match</p>
    </div>
    <%
        }
    %>
    <input type="submit"
class="btn btn-lg btn-info">
    </input>
    </div>
</form>
</div>
</div>
</div>
</div>
</div>

<!-- Footer start here -->
<div class="row" style="margin-top: 50px;">
    <jsp:include
page="footer.jsp"></jsp:include>
</div>

```

```
    </div>
</body>
</html>
```

Deposit scheme progress.jsp

```
<%@page
import="com.green.bank.model.DepositSchemeModel"%>
<%@page import="com.green.bank.database.JDBC_Connect"%>
<%@page
import="java.sql.Connection,java.sql.PreparedStatement"%
>
<%@ page language="java" contentType="text/html;
charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01
Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html>
<head>
<meta http-equiv="Content-Type" content="text/html;
charset=ISO-8859-1">
<title>Insert title here</title>
<link rel="shortcut icon" type="image/png"
href="image/favicon.png" />
<link rel="stylesheet" type="text/css"
href="css/deposit.css">
<link href="bootstrap/css/bootstrap.min.css"
rel="stylesheet">

<script
```

```

src="https://ajax.googleapis.com/ajax/libs/jquery/1.12.4
/jquery.min.js"></script>
<script type="text/javascript"
src="bootstrap/js/bootstrap.min.js"></script>
</head>
<body>
    <div class="row">
        <jsp:include page="header.jsp" />
    </div>

    <!-- Declaring all variables -->
    <%!int amount;
    boolean allRight;
    DepositSchemeModel model = new
DepositSchemeModel();%>

    <!-- Inserting account info into Database -->
    <%
        model = (DepositSchemeModel)
request.getAttribute("DepositScheme");
        allRight = (boolean)
request.getAttribute("allRight");
        if (allRight) {
    %>

    <div class="container-fullwidth">
        <div class="row" style="margin-top: 50px;">
            <div class="alert alert-success col-md-4
col-md-offset-4"
                role="alert">

```



```

        <h4 class="alert-heading">Success!</h4>
        <p>
            <strong>Your Deposit scheme has
been granted.</strong>
        </p>
        <p class="mb-0">
            <b>Account Number: </b>
            <%=model.getAccount_no()%>
        </p>
        <p class="mb-0">
            <b>Scheme Name: </b>
            <%=model.getValue()%>
        </p>
        <p class="mb-0">
            <b>Deposit Amount: </b>
            <%=model.getAmount()%>
        </p>
    </div>
</div>
<%
    } else {
%>
<div class="container-fullwidth">
    <div class="row" style="margin-top: 50px;">
        <div class="alert alert-danger col-md-4
col-md-offset-4"
            role="alert">
            <strong>Oh snap!</strong> Sometime
wrong with Database insert.
        </div>
    </div>
</div>

```

```

        </div>

        <%
            }
        %>
        <!-- Footer start here -->
        <div class="row" style="margin-top: 50px;">
            <jsp:include
page="footer.jsp"></jsp:include>
        </div>
    </div>
</body>
</html>

```

Index.jsp

```

<%@ page language="java" contentType="text/html;
charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01
Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html>
<head>
<meta http-equiv="Content-Type" content="text/html;
charset=ISO-8859-1">
<title>Green Bank</title>
<link rel="shortcut icon" type="image/png"
href="image/favicon.png" />
<link rel="stylesheet" type="text/css"
href="css/main_css.css">

```

```
<link href="bootstrap/css/bootstrap.min.css"
rel="stylesheet">

<script

src="https://ajax.googleapis.com/ajax/libs/jquery/1.12.4
/jquery.min.js"></script>
<script type="text/javascript"
src="bootstrap/js/bootstrap.min.js"></script>

</head>
<body>
    <div class="row">
        <jsp:include page="header.jsp" />
    </div>
    <div class="container-fullwidth" style="margin-top:
0 px">
        <div class="row">
            <div class="col-md-12">
                <div id="carousel-example-generic"
class="carousel slide"
                data-ride="carousel">

                    <ol class="carousel-indicators">
                        <li data-target="#carousel-
example-generic" data-slide-to="0"
                            class="active"></li>
                        <li data-target="#carousel-
example-generic" data-slide-to="1"></li>
                        <li data-target="#carousel-
example-generic" data-slide-to="2"></li>
```

```

        </ol>

        <div class="carousel-inner">
            <div class="item active">
                

            </div>
            <div class="item">
                

            </div>
        </div>

        <a class="left carousel-control"
href="#carousel-example-generic"
data-slide="prev"> <span
class="glyphicon glyphicon-
chevron-left"></span></a><a
class="right carousel-control"
href="#carousel-example-generic"
data-slide="next"><span
class="glyphicon glyphicon-
chevron-right"> </span> </a>

    </div>
</div>
</div>
<div class="row">

```

```
<div class="schemes" style="margin-bottom: -
155px;">
    <div class="col-md-4 scheme-type-1">
        <h2 class="text-center text-medium">
            Loan<br>Scheme
        </h2>
        <p class="col-md-6 col-md-offset-3
text-center scheme-text">There
            is a variety of saving plans
which can be tailored to your needs,
            including: Tax Exempt Savings
Regular Savings.</p>
        <div class="scheme-button col-md-4
col-md-offset-4">
            <a type="button" class="btn btn-
default btn-lg" href="loan.jsp"
                style="border-radius:
24px;">Learn more..</a>
        </div>
    </div>
    <div class="col-md-4 scheme-type-2">
        <h2 class="text-center text-medium">
            Deposit<br>Scheme
        </h2>
        <p class="col-md-6 col-md-offset-3
text-center scheme-text">There
            is a variety of saving plans
which can be tailored to your needs,
            including: Tax Exempt Savings
Regular Savings.</p>
```



```
        <div class="row" style="margin-top: 50px;">
            <jsp:include
page="footer.jsp"></jsp:include>
        </div>
    </div>

</body>
</html>
```

Profile.jsp

```
<%@page
import="com.green.bank.database.DatabaseOperations"%>
<%@page import="com.green.bank.database.JDBC_Connect"%>
<%@page import="java.sql.Connection"%>
<%@page import="com.green.bank.model.AccountModel"%>
<%@ page language="java" contentType="text/html;
charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01
Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html>
<head>

<%!AccountModel ac;%>

<%
    ac = (AccountModel)
session.getAttribute("userDetails");
```

```
String account_no = ac.getAccount_no();
JDBC_Connect connect = new JDBC_Connect();
Connection conn = connect.getConnection();
DatabaseOperations operations = new
DatabaseOperations();
    ac = operations.getAccountDetails(conn, account_no);
%>
```

```
<meta http-equiv="Content-Type" content="text/html;
charset=ISO-8859-1">
```

```
<title><%=ac.getFirst_name() + " " +
ac.getLast_name()%></title>
```

```
<link rel="shortcut icon" type="image/png"
href="image/favicon.png" />
```

```
<link href="bootstrap/css/bootstrap.min.css"
rel="stylesheet">
```

```
<link href="css/profile.css" rel="stylesheet">
```

```
<script
```

```
src="https://ajax.googleapis.com/ajax/libs/jquery/1.12.4
/jquery.min.js"></script>
```

```
<script type="text/javascript"
src="bootstrap/js/bootstrap.min.js"></script>
```

```
</head>
```

```
<body>
```

```
    <div class="row">
```

```
        <jsp:include page="header.jsp" />
```

```
    </div>
```

```
    <div class="container-fullwidth">
```



```

    <div class="jumbotron col-md-6 col-md-offset-3"
        style="margin-top: 50px">
        <div class="row">
            <div class="profile-head col-md-10 col-
md-offset-1">
                <div class="col-md-4 ">
                    
                </div>

                <div class="col-md-6 ">
                    <h2><%=ac.getFirst_name() + " "
+ ac.getLast_name()%></h2>
                    <ul>
                        <li class="navli"><span
                            class="glyphicon
glyphicon-map-marker"></span> <%=ac.getBranch()%></li>
                        <li class="navli"><span
                            class="glyphicon glyphicon-home"></span>
<%=ac.getAddress()%></li>
                        <li class="navli"><span
                            class="glyphicon glyphicon-
phone"></span><%=ac.getPhone_number()%></li>
                        <li class="navli"><span
                            class="glyphicon glyphicon-
envelope"></span><%=ac.getEmail()%></li>
                    </ul>
                </div>
            </div>
        </div>
    </div>

```

```

        <div class="row">
            <div class="account_details col-md-10
col-md-offset-1"
                style="margin-top: 30px;">
                <h2>Account Details</h2>
                <hr class="divider">
                <table class="table table-user-
information col-md-6">
                    <tbody>
                        <tr>
                            <td><b>First
Name:</b></td>
                            <td><%=ac.getFirst_name()%></td>
                        </tr>
                        <tr>
                            <td><b>Last
Name:</b></td>
                            <td><%=ac.getLast_name()%></td>
                        </tr>
                        <tr>
                            <td><b>Account
Number:</b></td>
                            <td><%=ac.getAccount_no()%></td>
                        </tr>
                        <tr>
                            <td><b>City</b></td>
                            <td><%=ac.getCity()%></td>

```

```

        </tr>
        <tr>
            <td><b>Branch
Name</b></td>
            <td><%=ac.getBranch()%></td>
        </tr>
        <tr>
            <td><b>Zip</b></td>
            <td><%=ac.getZip()%></td>
        </tr>
        <tr>
            <td><b>UserName</b></td>
            <td><%=ac.getUsername()%></td>
        </tr>
        <tr>
            <td><b>Phone
Number</b></td>
            <td><%=ac.getPhone_number()%></td>
        </tr>
        <tr>
            <td><b>Email</b></td>
            <td><a href="mailto:"
+<%=ac.getEmail()%>><%=ac.getEmail()%></a></td>
        </tr>
        <tr>
            <td><b>Account
Type</b></td>

```

```

<td><%=ac.getAccount_type()%></td>
        </tr>
        <tr>
                <td><b>Registration
Date</b></td>

<td><%=ac.getReg_date()%></td>
        </tr>
        <tr>
                <td><b>Amount</b></td>
                <td><%=ac.getAmount()%>&#2547;</td>
        </tr>
    </tbody>
</table>
</div>
</div>
</div>
<div class="row"></div>
<!-- Footer start here -->
<div class="row" style="margin-top: 50px;">
    <jsp:include
page="footer.jsp"></jsp:include>
    </div>
</div>
</body>
</html>

```

Transfer.jsp

```
<%@page import="com.green.bank.model.AccountModel"%>
```

```
<%@ page language="java" contentType="text/html;
charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01
Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html>
<head>
<meta http-equiv="Content-Type" content="text/html;
charset=ISO-8859-1">
<title>Transfer</title>
<link rel="shortcut icon" type="image/png"
href="image/favicon.png" />
<link rel="stylesheet" type="text/css"
href="css/deposit.css">
<link href="bootstrap/css/bootstrap.min.css"
rel="stylesheet">

<script

src="https://ajax.googleapis.com/ajax/libs/jquery/1.1
2.4/jquery.min.js"></script>
<script type="text/javascript"
src="bootstrap/js/bootstrap.min.js"></script>
</head>
<body>
    <div class="row">
        <jsp:include page="header.jsp" />
    </div>
    <div class="container-fullwidth">
        <%
            AccountModel ac = null;
        %>
        <%
```

```

        ac = (AccountModel)
session.getAttribute("userDetails");
        if (ac != null) {
%>
        <div class="row" style="margin-top: 50px;">
            <div class="col-md-4 col-md-offset-4">
                <form role="form" method="post"
action="TransferServlet">
                    <h2>Transfer Form</h2>
                    <div class="col-md-12">
                        <hr class="colorgraph">
                    </div>
                    <label class="col-md-4 control-
                    <div class="col-sm-8 form-group">
                        <input type="text" required
placeholder="Enter Account No.."
                        name="target_acc_no"
class="form-control">
                    </div>
                    <label class="col-md-4 control-
label">User Name</label>
                    <div class="col-sm-8 form-group">
                        <input type="text" required
placeholder="Enter User Name.."
                        name="username"
class="form-control"
value="<%=ac.getUsername()%>">
                    </div>

                    <label class="col-md-4 control-
label">Password</label>
                    <div class="col-sm-8 form-group">

```

```

        <input type="password"
required placeholder="Enter Password.."
        name="password"
class="form-control">
    </div>
    <label class="col-md-4 control-label">Amount</label>
    <div class="col-sm-8 form-group">
        <input type="number" required
placeholder="Enter Amount.."
        name="amount"
class="form-control">
    </div>
    <div class="col-md-12">
        <hr class="colorgraph">
    </div>
    <%
        String EnoughMoney = (String)
request.getAttribute("EnoughMoney");
        if (EnoughMoney != null
&& EnoughMoney.equals("No")) {
            %>
            <div class="col-md-12">
                <div class="alert alert-
danger" role="alert">
                    <strong>Sorry!</strong>
You do not have enough money.
                </div>
            </div>
            <%
                }
            %>
            <%

```

```

        String isPassOK = (String)
request.getAttribute("isPassOK");
        if (isPassOK != null &&
isPassOK.equals("No")) {
            %>
            <div class="col-md-12">
                <div class="alert alert-
danger" role="alert">
                    <strong>Sorry!</strong>
Transfer account no/Password incorrect.
                </div>
            </div>
            <%
            }
            %>
            <div class="row col-md-10 col-md-
offset-1">
                <div class="col-xs-6 col-md-
6">
                    <input type="submit"
value="Submit"
                        class="btn btn-
success btn-block btn-md" tabindex="7">
                </div>
                <div class="col-xs-6 col-md-
6">
                    <input class="btn btn-
danger btn-block btn-md" type="reset"
                        value="Reset">
                </div>
            </div>
        </form>
    </div>
</div>

```



```

        <%
            } else {
        %>
        <div class="row" style="margin-top: 150px;">
            <div class="alert alert-warning col-md-4
col-md-offset-4"
                role="alert">
                    <strong>Warning!</strong> You have to
login first.
                </div>
            </div>

        <%
            }
        %>
        <!-- Footer start here -->
        <div class="row" style="margin-top: 50px;">
            <jsp:include
page="footer.jsp"></jsp:include>
            </div>
        </div>
    </body>
</html>

```

=====X=====