

# Lab 9: Implementation of webpage to store employee details using Java Bean

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## HTML Source Code:-

### **bdb.html:-**

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<meta http-equiv="Content-Type" content="text/html;
charset=utf-8" />
<title>Untitled Document</title>
</head>

<body>
<pre>
<form name="form1" method="post" action="">
    <p> <a
href="bininsert.html">INSERT</a></p>
    <p> <a
href="bdelete.html">DELETE</a></p>
    <p> <a
href="bupdate.html">UPDATE</a></p>
    <p> <a href="bfetch.html">FETCH</a></p></form>
</pre>
</body>
</html>
```

### **bininsert.html:-**

```
<!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>
```

```

</head>
<body>
<form action="bininsert.jsp" method=post >
  <p> EID <input type="text" name="eid"></p>
  <p> NAME <input type="text" name="name"> </p>
  <p> DEGN <input type="text" name="desg"></p>
      <input type="submit" name="Submit"
value="INSERT"> <p>&nbsp;</p>

  <p>&nbsp;</p>
  <p>&nbsp;</p>
  <p>&nbsp;</p>
  <p>&nbsp;</p>
  <p>&nbsp;</p>
  <p>&nbsp;</p>
  <p>&nbsp;</p>
  <p>&nbsp;</p>
  <p>&nbsp;</p>
  <p>&nbsp;</p>
  <p>&nbsp;</p>
</form>
<p>&nbsp;</p>
<p>&nbsp;</p>
<p>&nbsp;</p>

</body>
</html>

```

## bfetch.html:-

```

<!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>
</head>
<body>
<body>

<form action="bfetch.jsp" method=post>

```

```

        <PRE>
        EID <input type="text" name="n1"></p>
        <input type="submit" name="Submit"
value="FETCH"><p>&nbsp;          </p><p>&nbsp; </p>
        </PRE>
</form>

</body>
</html>

```

### **bupdate.html:-**

```

<!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>
</head>

<body>
<form method="post" action="bedit.jsp">
  <p> EID <input type="text" name="n2"></p>
    <input type="submit" name="Submit"
value="UPDATE"><p>&nbsp;          </p><p>&nbsp; </p>
</form>
</body>
</html>

```

### **JSP Source Code:-**

#### **binsert.jsp:-**

```

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

</head>
<body>
<jsp:useBean id="ob" class="emp.Employee" scope="page" >
<jsp:setProperty name="ob" property="*" />
</jsp:useBean>
<%
out.println("eid:"+request.getParameter("eid"));
    int t=ob.insert();
    if(t>0)
        out.println("Inserted Successfully");
%>
</body>
</html>

```

## bfetch.jsp:-

```

<%@ page import="java.sql.*"%>
<%@ include file="connect.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>
</head>
<body>
<jsp:useBean id="ob3" class="emp.Employee" scope="page" >
<jsp:setProperty name="ob3" property="eid" param="n1" />
</jsp:useBean>

```

```

<%
    try{
        ob3.fetch();
    }catch(Exception e){e.printStackTrace();}
%>

Name    <jsp:getProperty name="ob3" property="name" /> <br>
Desgn   <jsp:getProperty name="ob3" property="desg" /> <br>

</body>
</html>

```

### bedit.jsp:-

```

<!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>

</head>
<body>
<jsp:useBean id="ob2" class="emp.Employee" scope="session" >
<jsp:setProperty name="ob2" property="eid" param="eid" />
</jsp:useBean>
<%
    ob2.fetch();
%>

<form action="bupdate.jsp" method="post">

Name    <input type="text" name="name" value=<%=ob2.getName()%>>
Desg    <input type="text" name="desg" value=<%=ob2.getDesg()%>>
        <input type="submit" value=UPDATE>

</form>
</body>

```

```
</html>
```

## bupdate.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>
</head>
<body>
<jsp:useBean id="ob2" class="emp.Employee" scope="session" >
<jsp:setProperty name="ob2" property="*" />
</jsp:useBean>
<%
ob2.setName(request.getParameter("name"));
ob2.setDesg(request.getParameter("desg"));

int t=ob2.update();
out.println("Updated called");
if(t>0)
out.println("Updated Successfully");
%>

</body>
</html>
```

## **Java Bean Source Code:-**

### Employee.java:-

```
package emp;
import java.sql.*;
public class Employee {

    private String eid , name,desg;

    public void setEid(String eid){
        this.eid=eid;
    }
}
```

```

    public String getId() {
        return eid;
    }
    public void setName(String name)
    {
        this.name=name;
    }
    public String getName()
    {
        return name;
    }
    public void setDesg(String desg)
    {
        this.desg=desg;
    }
    public String getDesg()
    {
        return desg;
    }

    }
    public int insert()
    {
        Connection conn= null;
        ConnectEmp c=new ConnectEmp();
        int t=0;
        try{
            conn=c.connect();
            PreparedStatement pst=conn.prepareStatement("insert
into emp_bit values(?,?,?)");
            pst.setString(1,eid);
            pst.setString(2,name);
            pst.setString(3,desg);
            t=pst.executeUpdate();
            conn.close();
        }
        catch(Exception e)
        {
        }
        return t;
    }
}

```

```

public int delete()
{
    Connection conn= null;
    ConnectEmp c=new ConnectEmp();
    int t=0;
    try{
        conn=c.connect();
        PreparedStatement pst=conn.prepareStatement("delete
from emp_bit where eid=?");
        pst.setString(1,eid);
        t=pst.executeUpdate();
        conn.close();
    }
    catch(Exception e)
    {
    }
    return t;
}

public int update()
{
    Connection conn= null;
    ConnectEmp c=new ConnectEmp();
    System.out.println("Inside Update"+getName());
    System.out.println("Inside Update"+getDesg());
    System.out.println("Inside Update"+getEid());
    int t=0;
    try{
        conn=c.connect();
        PreparedStatement pst=conn.prepareStatement("update
emp_bit set name=?,desg=? where eid=?");

        pst.setString(1,name);
        pst.setString(2,desg);
        pst.setString(3,eid);
    }
}

```



```

        System.out.println("update emp_bit set
name='"+name+"'desg='"+desg+"'where eid='"+eid+"'");
        t=pst.executeUpdate();
        conn.close();
    }
    catch(Exception e)
    {
    }
    return t;
}

public void fetch()
{
    Connection conn= null;
    ConnectEmp c=new ConnectEmp();
    int t=0;
    try{
        conn=c.connect();
        PreparedStatement pst=conn.prepareStatement("select *
from emp_bit where eid=?");
        pst.setString(1,eid);
        ResultSet rs=pst.executeQuery();
        while(rs.next()){
            eid=rs.getString(1);
            name=rs.getString(2);
            desg=rs.getString(3);
            //PrintWriter pw=response.
            System.out.println("id="+eid);
            conn.close();
        }
    }
    catch(Exception e)
    {
    }
}
}

```

```
ConnectEmp.java
package emp;
import java.sql.*;

public class ConnectEmp {
    public Connection conn=null;

    public Connection    connect(){
        try{
            Class.forName("oracle.jdbc.driver.OracleDriver");
            conn =
DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:
XE","system","system");
            System.out.println("Connected");

        }
        catch(Exception e){}
        return conn;
    }
}
```