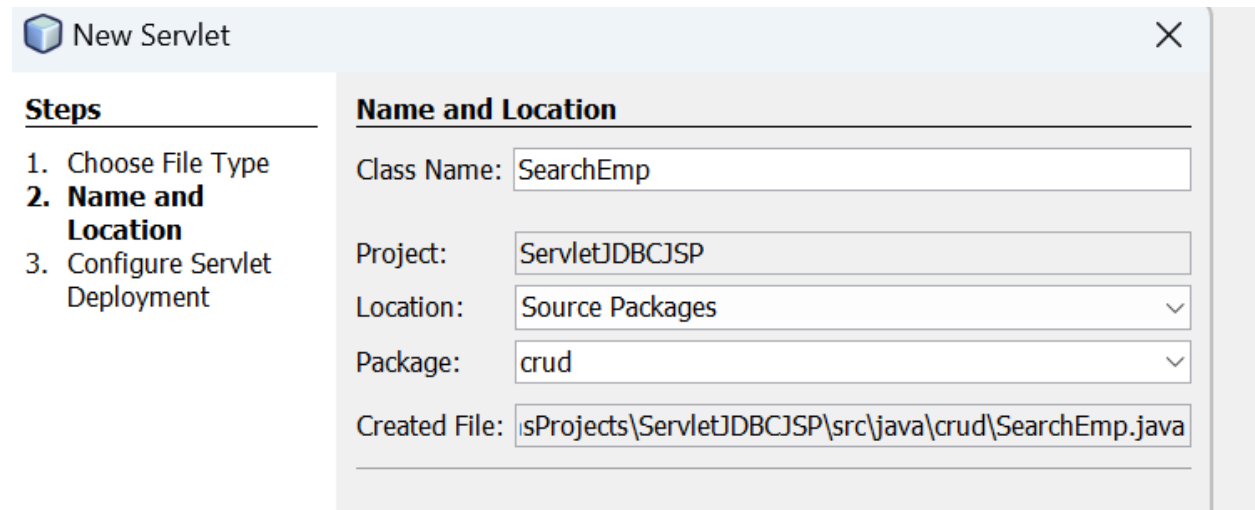


Create a New Servlet **SearchEmp**



The image shows a 'New Servlet' dialog box with a close button (X) in the top right corner. It is divided into two main sections: 'Steps' and 'Name and Location'. The 'Steps' section on the left lists three steps: '1. Choose File Type', '2. Name and Location', and '3. Configure Servlet Deployment'. The 'Name and Location' section on the right contains several input fields: 'Class Name' with the value 'SearchEmp', 'Project' with the value 'ServletJDBCJSP', 'Location' with a dropdown menu showing 'Source Packages', 'Package' with a dropdown menu showing 'crud', and 'Created File' with the path 'isProjects\ServletJDBCJSP\src\java\crud\SearchEmp.java'.

```
package crud;
```

```
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;
```

```
public class SearchEmp extends HttpServlet {
```

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

```
    throws ServletException, IOException {
```

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

```
        try
```

```
        {
```

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

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```
out.println("<!DOCTYPE html>");
out.println("<html>");
out.println("<head>");
out.println("<title>Employee Registration</title>");
out.println("</head>");
out.println("<body><center>");
out.println("<h1>Employee Search Record</h1>"
+ "<form action=EmpSerachResult>"
+ "<table width=600 border=1 cellpadding=15 cellspacing=0 bgcolor=lightblue>"
+ "<tr><td width=300>Employee Code</td><td><input type=search name=code></td></tr>"
+ "<tr><td><input type=submit value=Submit></td><td><input type=reset value=Reset></td></tr>");
out.println("</body>");
out.println("</html>");
}
catch(Exception e )
{
e.printStackTrace();
}
}
}
```

Employee Search Record

Employee Code	<input type="text"/>
<input type="button" value="Submit"/>	<input type="button" value="Reset"/>

Create a New Servlet Named as **EmpSerachResult**

New Servlet

Steps

1. Choose File Type
2. **Name and Location**
3. Configure Servlet Deployment

Name and Location

Class Name:

Project:

Location:

Package:

Created File:

/*

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* and open the template in the editor.

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*/

```
package crud;
```

```
import DB.DBConnect;
```

```
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;
```

```
public class EmpSerachResult extends HttpServlet {
```

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

```
        throws ServletException, IOException {
```

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

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

```
        {
```

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

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

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

```
            out.println("<title>Employee Registration</title>");
```

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

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

```
            String code=request.getParameter("code");
```

```
            DBConnect db=new DBConnect();
```

```
            db.pstmt=db.con.prepareStatement("select * from emp_reg where ecode=?");
```

```
            db.pstmt.setString(1, code);
```

```
            db.rst=db.pstmt.executeQuery();
```

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```
if(db.rst.next())
{
    out.println("<h1>Employee Details</h1>"
        + "<form action=UpdateDelete>"
        + "<table width=600 border=1 cellpadding=15 cellspacing=0 bgcolor=lightblue>"
        + "<tr><td width=300>Employee Code</td><td><input type=number name=code
value="+db.rst.getString(1)+"></td></tr>"
        + "<tr><td width=300>Employee Name</td><td><input type=text name=name
value="+db.rst.getString(2)+"></td></tr>"
        + "<tr><td width=300>Employee Post</td><td><input type=text name=post
value="+db.rst.getString(3)+"></td></tr>"
        + "<tr><td width=300>Address</td><td><input type=text name=addr
value="+db.rst.getString(4)+"></td></tr>"
        + "<tr><td width=300>Contact Number</td><td><input type=number name=cont
value="+db.rst.getString(5)+"></td></tr>"
        + "<tr><td width=300><input type=submit value=Update name=opr></td><td><input type=Submit
value=Delete name=opr></td></tr>"
        + "</table></form>");
}
else
{
    out.println("<h2>Record does not Match</h2>");
    out.println("<a href=SearchEmp>back</a>");
}
out.println("</center></body>");
out.println("</html>");
}
catch(Exception e)
{
    e.printStackTrace();
}
```

```
}
```

```
}
```

Create a New Servlet named as **UpdateDelete**

New Servlet

Steps

1. Choose File Type
2. **Name and Location**
3. Configure Servlet Deployment

Name and Location

Class Name:

Project:

Location:

Package:

Created File:

```
/*
```

```
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```

```
* To change this template file, choose Tools | Templates
```

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

```
*/
```

```
package crud;
```

```
import DB.DBConnect;
```

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

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

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```
import javax.servlet.ServletException;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;

public class UpdateDelete extends HttpServlet {
    protected void service(HttpServletRequest request, HttpServletResponse response)
        throws ServletException, IOException {
        response.setContentType("text/html;charset=UTF-8");
        try (PrintWriter out = response.getWriter())
        {
            String code=request.getParameter("code");
            String name=request.getParameter("name");
            String post=request.getParameter("post");
            String addr=request.getParameter("addr");
            String cont=request.getParameter("cont");
            String opr=request.getParameter("opr");
            DBConnect db=new DBConnect();
            if(opr.equals("Update"))
            {
                db.pstmt=db.con.prepareStatement("update emp_reg set ename=?,epost=?,eaddr=?,econt=?
where ecode=?");
                db.pstmt.setString(1,name);
                db.pstmt.setString(2,post);
                db.pstmt.setString(3,addr);
                db.pstmt.setString(4,cont);
                db.pstmt.setString(5,code);
                int i=db.pstmt.executeUpdate();
            }
        }
    }
}
```

```
if(i>0)
{
    out.println("<h2>Record Updated Successfully</h2>");

}
}
else if(opr.equals("Delete"))
{
    db.pstmt=db.con.prepareStatement("delete from emp_reg where ecode=?");
    db.pstmt.setString(1,code);
    int i=db.pstmt.executeUpdate();
    if(i>0)
    {
        out.println("<h2>Record Deleted Successfully</h2>");

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