

## **Student.java**

**package** com.example.servletdemotwo;

**public class** Student {

**private** String firstName;

**private** String lastName;

**private** String email;

**public** Student(String firstName, String lastName, String email) {

**super**();

**this**.firstName = firstName;

**this**.lastName = lastName;

**this**.email = email;

    }

**public** String getFirstName() {

**return** firstName;

    }

**public void** setFirstName(String firstName) {

**this**.firstName = firstName;

    }

**public** String getLastName() {

**return** lastName;

    }

**public void** setLastName(String lastName) {

**this**.lastName = lastName;

    }

```
    public String getEmail() {  
        return email;  
    }  
  
    public void setEmail(String email) {  
        this.email = email;  
    }  
  
}
```

#### **StudentDataUtil.java**

```
package com.example.servletdemotwo;
```

```
import java.util.ArrayList;
```

```
import java.util.List;
```

```
public class StudentDataUtil {
```

```
    public static List<Student> getStudents() {
```

```
        // Step: 1 Create an empty list
```

```
        List<Student> students = new ArrayList<>();
```

```
        // Step: 2 Add students to the empty List
```

```
        students.add(new Student("Shyam", "Charles", "shyam@gmail.com"));
```

```
        students.add(new Student("Rahul", "Sarkar", "rahul@gmail.com"));
```

```

        students.add(new Student("Keerthy", "Gorikapudi", "keerthi@gmail.com"));

        // Step: 3 Return the List
        return students;
    }

}

```

### MvcDemoServletTwo.java

```

package com.example.servletdemotwo;

import jakarta.servlet.RequestDispatcher;
import jakarta.servlet.ServletException;
import jakarta.servlet.annotation.WebServlet;
import jakarta.servlet.http.HttpServlet;
import jakarta.servlet.http.HttpServletRequest;
import jakarta.servlet.http.HttpServletResponse;
import java.io.IOException;
import java.util.List;

/**
 * Servlet implementation class MvcDemoServletTwo
 */
@WebServlet("/MvcDemoServletTwo")
public class MvcDemoServletTwo extends HttpServlet {
    private static final long serialVersionUID = 1L;

    /**
     * @see HttpServlet#HttpServlet()
     */

```

```

*/

public MvcDemoServletTwo() {

    super();

    // TODO Auto-generated constructor stub

}

/**
 * @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)
 */

    protected void doGet(HttpServletRequest request, HttpServletResponse response) throws
ServletException, IOException {

        // Step: 1 calling the helper class

        List<Student> students = StudentDataUtil.getStudents();

        // Step: 2 Set attribute

        request.setAttribute("student_list", students);

        // Step: 3 Calling RequestDispatcher

        RequestDispatcher dispatcher =
request.getRequestDispatcher("/view_students_two.jsp");

        // Step: 4 forwarding the dispatcher

        dispatcher.forward(request, response);

    }

/**
 * @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response)

```

```

        */

        protected void doPost(HttpServletRequest request, HttpServletResponse response) throws
ServletException, IOException {

            // TODO Auto-generated method stub

            doGet(request, response);

        }

    }

```

### View\_students\_two.jsp

```

<%@ taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c" %>

```

```

<html>

```

```

<body>

```

```

<table border="1">

```

```

    <tr>

```

```

        <th>First Name</th>

```

```

        <th>Last Name</th>

```

```

        <th>Email</th>

```

```

    </tr>

```

```

<c:forEach var="tempStudent" items="${student_list}">

```

```

    <tr>

```

```

        <td>${tempStudent.firstName}</td>

```

```
<td>${tempStudent.lastName}</td>
```

```
<td>${tempStudent.email}</td>
```

```
</tr>
```

```
</c:forEach>
```

```
</table>
```

```
</body>
```

```
</html>
```

## **Index.html**

```
<html>
```

```
<body>
```

```
<a href="MvcDemoServletTwo"> Get the student List </a>
```

```
</body>
```

```
</html>
```