

Role of Servlet Controllers:

In MVC architecture -

- Model handles business logic and data.
- View (JSP) renders the user interface.
- Controller (Servlet):
 - i) Receive client requests.
 - ii) Interacts with the model.
 - iii) Forwards data to the view.

This separation improves maintainability and scalability.

Example: Forwarding data from Servlet to JSP:-

```
import java.io.IOException;
import javax.servlet.*;
import javax.servlet.http.*;

public class StudentServlet extends HttpServlet {
    protected void doGet(HttpServletRequest req, HttpServletResponse res)
        throws ServletException, IOException {
        String studentName = "Alice";
        req.setAttribute("name", studentName);
    }
}
```

```
RequestDispatcher rcd = req.getRequestDispatcher(  
    "student.jsp");
```

```
    rcd.forward(req, res);  
}
```

JSP (View)

```
<html>  
<body>  
    <h2>Welcome, ${name}</h2>  
</body>  
</html>
```