

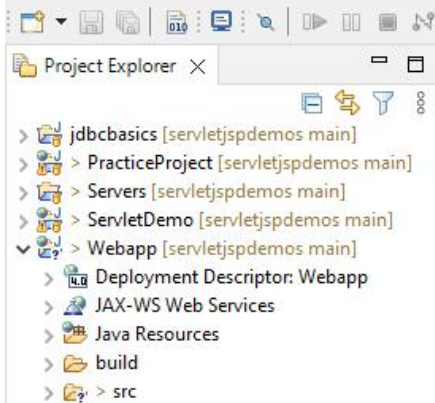
The screenshot shows the Eclipse IDE interface. On the left, the Project Explorer displays a project structure with folders like 'jdbcbasics', 'PracticeProject', 'Servers', 'ServletDemo', and 'Webapp'. The 'Webapp' folder is expanded, showing sub-folders like 'Deployment Descriptor: Webapp', 'JAX-WS Web Services', 'Java Resources', 'build', and 'src'. The Editor in the center shows a file named 'validate.html' with the following content:

```

1 <!DOCTYPE html>
2 <html>
3 <head>
4 <meta charset="UTF-8">
5 <title>Validation</title>
6 </head>
7 <body>
8 <form action="validate.do" method="post">
9     Username: 
10    Password: 
11    <br>
12    <input type="submit" value="Validate" />
13 </form>
14 <br>
15 </body>
16 </html>
    
```

The 'Select a wizard' dialog box is open, showing a list of wizards under the 'Web' category. The 'Dynamic Web Project' wizard is selected. The dialog has a 'Next >' button highlighted.

0 items selected



```

1 <!DOCTYPE html>
2 <html>
3 <head>
4 <meta charset="UTF-8">
5 <title>Validation</title>
6 </head>
7 <body>
8 <form action="validate.html" method="post">
9     Username:
10    Password:
11    <br>
12    <input type="text" value=""/>
13 </form>
14 <br>
15 </body>
16 </html>
    
```

Markers Properties

Tomcat v9.0 Server at localhost

0 items selected

New Dynamic Web Project

Create a standalone Java-based Web Application or add it to a new or existing Enterprise Application.

Project name:

Project location

☒ Use default location

Location:

Target runtime

Dynamic web module version

Configuration

The default configuration provides a good starting point. Additional facets can later be installed to add new functionality to the project.

EAR membership

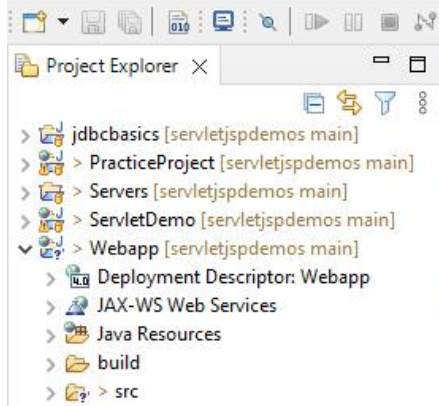
☐ Add project to an EAR

EAR project name:

Working sets

☐ Add project to working sets

Working sets:



```

1 <!DOCTYPE html>
2 <html>
3 <head>
4 <meta charset="UTF-8">
5 <title>Validatic
6 </head>
7 <body>
8 <form action="
9     Username
10    Password
11    <br>
12    <input t
13    </form>
14    <br>
15 </body>
16 </html>
    
```

Markers Properties
Tomcat v9.0 Server at localhost

New Dynamic Web Project

Configure project for building a Java application.

Source folders on build path:

src/main/java

Add Folder...

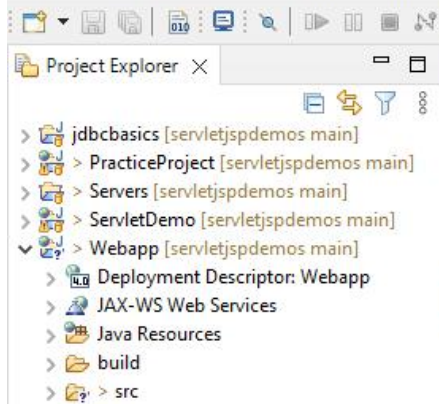
Edit...

Remove

Default output folder:

build\classes

0 items selected



```

1 <!DOCTYPE html>
2 <html>
3 <head>
4 <meta charset="UTF-8">
5 <title>Validate.html</title>
6 </head>
7 <body>
8 <form action="validate.html" method="post">
9     Username:
10    Password:
11    <br>
12    <input type="text" value="Username" />
13    </form>
14    <br>
15 </body>
16 </html>
    
```

Markers Properties

Tomcat v9.0 Server at localhost

0 items selected

New Dynamic Web Project

Web Module

Configure web module settings.

Context root:

Content directory:

☒ Generate web.xml deployment descriptor

< Back Next > Finish Cancel

Project Explorer

- > Demo [servletjspdemos main]
 - > Deployment Descriptor: Demo
 - > JAX-WS Web Services
 - > Java Resources
 - > build
 - > src
 - > main
 - > java
 - > webapp
 - > META-INF
 - > WEB-INF
 - lib
 - web.xml
 - > jdbcbasics [servletjspdemos main]
 - > PracticeProject [servletjspdemos main]
 - > Servers [servletjspdemos main]
 - > ServletDemo [servletjspdemos main]
 - > Webapp [servletjspdemos main]
 - > Deployment Descriptor: Webapp
 - > JAX-WS Web Services
 - > Java Resources
 - > build
 - > src

validate.html

```

1 <!DOCTYPE html>
2 <html>
3 <head>
4 <meta charset="UTF-8">
5 <title>Validation</title>
6 </head>
7 <body>
8 <form action="validate.jsp" method="post">
9     Username: 
10    Password: 
11    <br>
12    <input type="submit" value="Validate"/>
13 </form>
14 <br>
15 </body>
16 </html>

```

Select a wizard

Select a wizard

Create a Java class

Wizards:

class

- Class
- Java
 - Class
- JAXB
 - JAXB Classes from Schema
 - Schema from JAXB Classes

< Back

Next >

Finish

Cancel

Project Explorer

- ▼ Demo [servletjspdemos main]
 - Deployment Descriptor: Demo
 - JAX-WS Web Services
 - Java Resources
 - build
 - ▼ src
 - ▼ main
 - java
 - ▼ webapp
 - META-INF
 - WEB-INF
 - lib
 - web.xml
 - jdbcbasics [servletjspdemos main]
 - PracticeProject [servletjspdemos main]
 - Servers [servletjspdemos main]
 - ServletDemo [servletjspdemos main]
 - ▼ Webapp [servletjspdemos main]
 - Deployment Descriptor: Webapp
 - JAX-WS Web Services
 - Java Resources
 - build
 - src

validate.html

```

1 <!DOCTYPE html>
2 <html>
3 <head>
4 <meta charset="UTF-8">
5 <title>Validate.html</title>
6 </head>
7 <body>
8 <form action="validate.do" method="post">
9     Username: <input type="text" value=""/>
10    Password: <input type="password" value=""/>
11    <br>
12    <input type="submit" value="Validate"/>
13 </form>
14 <br>
15 </body>
16 </html>

```

New Java Class

Java Class

Create a new Java class.

Source folder:

Demo/src/main/java

Browse...

Package:

com.servlets.example

Browse...

☐ Enclosing type:

Browse...

Name:

DemoServlet

Modifiers:

☒ public
☐ package
☐ private
☐ protected

☐ abstract
☐ final
☐ static

Superclass:

java.lang.Object

Browse...

Interfaces:

Add...

Remove

Which method stubs would you like to create?

☐ public static void main(String[] args)
☐ Constructors from superclass
☒ Inherited abstract methods

Do you want to add comments? (Configure templates and default value [here](#))

☐ Generate comments

?

< Back

Next >

Finish

Cancel

Demo/src/main/java