

Practical 6:

show.jsp

```
<%@page import="java.sql.DriverManager"%>
<%@page import="java.sql.ResultSet"%>
<%@page import="java.sql.Statement"%>
<%@page import="java.sql.Connection"%>
<%
String id = request.getParameter("userid");
String driver = "com.mysql.jdbc.Driver";
String connectionUrl = "jdbc:mysql://localhost:3306/";
String database = "students?autoReconnect=true&useSSL=false";
String userid = "root";
String password = "vaibhu";
try {
Class.forName(driver);
} catch (ClassNotFoundException e) {
e.printStackTrace();
}
Connection connection = null;
Statement statement = null;
ResultSet resultSet = null;
%>
<!DOCTYPE html>
<html>
<body>

<h1>Retrieve data from database in jsp</h1>
<table border="1">
<tr>
<td>Name</td>
<td>Class</td>
<td>Div</td>
<td>City</td>

</tr>
<%
try{
connection = DriverManager.getConnection(connectionUrl+database, userid, password);
statement=connection.createStatement();
String sql ="select * from students_info";
resultSet = statement.executeQuery(sql);
while(resultSet.next()){
%>
<tr>
<td><%=resultSet.getString("stud_name") %></td>
<td><%=resultSet.getString("class") %></td>
<td><%=resultSet.getString("division") %></td>
```

```
<td><%=resultSet.getString("city") %></td>
```

```
</tr>
```

```
<%
```

```
}
```

```
connection.close();
```

```
} catch (Exception e) {
```

```
e.printStackTrace();
```

```
}
```

```
%>
```

```
</table>
```

```
</body>
```

```
</html>
```

Output:

The screenshot shows the Eclipse IDE interface. The top toolbar includes icons for File, Edit, Navigate, Search, Project, Run, Window, and Help. The Project Explorer on the left shows a project named 'WT5' with a 'src' folder containing 'main', 'java', and 'webapp' subfolders. The 'show.jsp' file is selected in the 'webapp' folder. The main editor window displays the output of the JSP page, which is titled 'Retrieve data from database in jsp'. Below the title is a table with the following data:

Name	Class	Div	City
vaibhavi	TE	D	sangola
Anushka	TE	D	Nagar
Rutuja	TE	A	Pune
Swati	TE	B	Latur
Vaishnavi	TE	D	Sangola
Tanashri	TE	B	Nashik
Samruddhi	FE	D	Nagar
Dhanashri	SE	B	Nagar

Below the table, the console shows the message 'Tomcat v9.0 Server at localhost [Started, Synchronized]'. The bottom status bar indicates 'Done'.