

• Details.Java

```
import java.io.IOException;
import java.io.PrintWriter;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.Statement;

import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;

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

    //Default constructor.
    public Details() {
        // TODO Auto-generated constructor stub
    }

    // @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)
    protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {
        // TODO Auto-generated method stub
        PrintWriter out=response.getWriter();
        try
        {
            Class.forName("com.mysql.jdbc.Driver");
            Connection con =
            DriverManager.getConnection("jdbc:mysql://localhost:3306/assignment5","root","root");

            Statement stmt=con.createStatement();
            ResultSet rs=stmt.executeQuery("select * from ebookshop");
            out.println("<body style=\"background-image:linear-gradient(rgba(0,0,0,0.8),rgba(0,0,0,0.8)), url(back.jfif);\"><h1 style=\"text-align:center; color:#FFFFFF;\">Book Details</h1>");
            out.println("<div style=\"margin-left:25%; font-size:40px;\"><table border=\"1\" style=\"width:70%;\"><tr style=\"background-color:#78c2be; color:#fff;\"><td><strong>Book ID</strong></td><td><strong>Book Title</strong></td><td><strong>Author</strong></td><td><strong>Price</strong></td><td><strong>Quantity</strong></td></tr>");
            while(rs.next())
                out.println("<tr style=\"color:#fff;\"><td>" + rs.getString(1) + "</td><td>" + rs.getString(2) + "</td><td>" + rs.getString(3) + "</td><td>" + rs.getString(4) + "</td><td>" + rs.getString(5) + "</td></tr>");
            out.println("</table></body>");
            con.close();
        }
        catch (Exception e)
        {
            out.println(e);
        }
    }
}
```

```
// @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);
}
}
```

• MySQL Database And Servlet Output

The screenshot shows the MySQL Workbench interface. The 'Schemas' pane on the left lists various databases, with 'wt' selected. The 'Tables' pane shows the 'employee' table. The main query editor contains the SQL statement: `SELECT * FROM wt.employee;`. The 'Results' pane displays the output of the query, showing 10 rows of employee data. The 'Output' pane at the bottom shows the execution details: '1 13:49:10 SELECT * FROM wt.employee LIMIT 0, 1000' and 'Message: 10 row(s) returned'.

id	name	role	salary
1	Pratik Patil	CEO	1000000
2	Prajyot Tayade	CTO	500000
3	Prathamesh Pimpurwar	Manager	250000
4	Atharva Shingave	Manager	250000
5	Varunraj Tipugade	Supervisor	150000
6	Pratik Meshram	Supervisor	150000
7	Sunny Surve	Employee	200000
8	Abhilash Kare	Employee	200000
9	Abhishek Kadam	Employee	200000
10	Vinayak Patil	Employee	190000

The screenshot shows a web browser window with the URL 'localhost:8082/Employees/Details'. The page has a yellow background and a title 'Employee Details'. It displays a table with 10 rows of employee data, matching the data shown in the MySQL Workbench screenshot.

ID	Name	Role	Salary
1	Pratik Patil	CEO	1000000
2	Prajyot Tayade	CTO	500000
3	Prathamesh Pimpurwar	Manager	250000
4	Atharva Shingave	Manager	250000
5	Varunraj Tipugade	Supervisor	150000
6	Pratik Meshram	Supervisor	150000
7	Sunny Surve	Employee	200000
8	Abhilash Kare	Employee	200000
9	Abhishek Kadam	Employee	200000
10	Vinayak Patil	Employee	190000