Introduction to JDBC & JSP

The following example explain the JDBC connection using JSP.

```jsp
<%@page import="java.sql.*" %>
<%@page import="java.util.*" %>

<html>
    <head>
        <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
        <title>Connection Test</title>
    </head>
    <body>

        <h1 style='color:green'>Connection Test</h1>
        <%
            //==========Database Connection Starts==========//
            String driver = "com.mysql.jdbc.Driver";
            String user     = "root";
            String password = "";
            String dbname   = "mytest";
            String url      = "jdbc:mysql://127.0.0.1/"+dbname;
    //      String url      = "jdbc:mysql://localhost:3306/"+dbname;
            //==========Database Connection Ends==========//



            //==========Don't Touch==========//
try
            {
                Class.forName(driver).newInstance();
                Connection con = DriverManager.getConnection(url,user,password);
                if(con!=null)
                {
                    out.print("<h3 style='color:green'>Database connected successfully.</h3>");
                    out.print("<hr>");
                    String sql ="SELECT * FROM beverages";
                    PreparedStatement pst = con.prepareStatement(sql);
                    ResultSet rs = pst.executeQuery();
                    out.print("<table border='1'>");
                    out.print("<thead><tr><th>Script Code</th><th>Script Name</th></tr></thead>");
                    out.print("<tbody>");
                    while(rs.next())
                    {
                        out.print("<tr><td>"+rs.getString(1)+"</td><td>"+rs.getInt(2)+"</td></tr>");
```

```
                }
                out.print("</tbody>");
                out.print("</table>");
            }else{
                out.print("<h3 style='color:yellow'>Unable to connect to database.</h3>");
            }
        }catch(Exception e){
            out.print("<h3 style='color:red'>Unable to connect to database.</h3>");
            out.print("<h3 style='color:red'>My ERROR : "+e+"</h3>");
            System.out.println("Unable to connect : "+e);
        }
    %>
    </body>
</html>
```
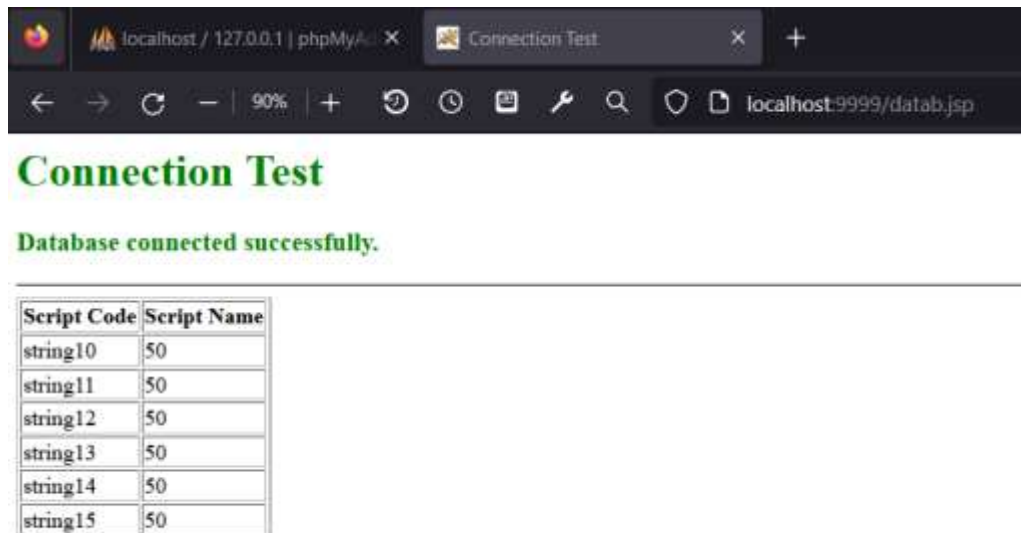
Screenshot Output:

Connection Test

Database connected successfully.

Script Code	Script Name
string10	50
string11	50
string12	50
string13	50
string14	50
string15	50