

Introduction to JDBC & JSP

The following example explain the JDBC connection using 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>");
        }
      }
    }
  </body>
</html>
```

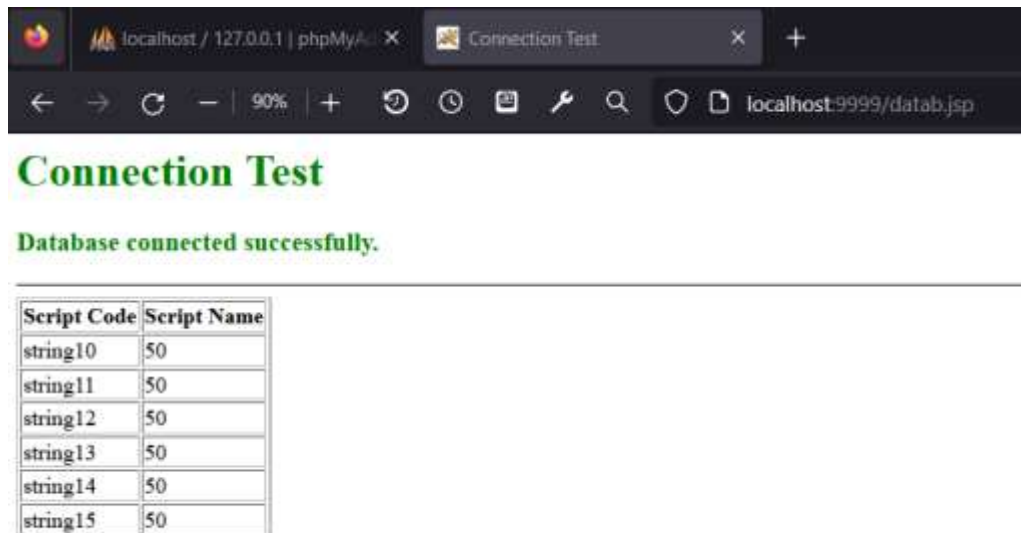
```

    }
    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:



The screenshot shows a web browser window with two tabs: 'localhost / 127.0.0.1 | phpMyAdmin' and 'Connection Test'. The address bar shows 'localhost:9999/datab.jsp'. The page title is 'Connection Test'. Below the title, a green message states 'Database connected successfully.' Below this message is a table with two columns: 'Script Code' and 'Script Name'.

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