

## JBDC 3

In this activity we will program a full web servlet-based application that shows the data of any employee whose DNI is filled up in a web form. Using the GET method and the right SQL query.

Code:

(MiServerlet.java)

```
import java.io.*;
import javax.servlet.*;
import javax.servlet.http.*;
import java.sql.*;

public class MiServlet extends HttpServlet
{
    public void doGet(HttpServletRequest peticion, HttpServletResponse respuesta)
throws ServletException, IOException
    {
        respuesta.setContentType("text/html");
        PrintWriter salida = respuesta.getWriter();

        String dni = peticion.getParameter("dni");

        // draw table
        String titulo = "Conexión JDBC a MySQL";
        salida.println ("<TITLE>" + titulo + "</TITLE>\n");
        salida.println ("<BODY BGCOLOR=\\"#FDF5E6\\">\n");
        salida.println ("<H1 ALIGN=CENTRE>" + titulo + "</H1>\n\n");
        try
        {

            //Class.forName("org.mariadb.jdbc.Driver");
            String SourceURL =
                "jdbc:mysql://localhost/bdprueba?allowPublicKeyRetrieval=true&useSSL=false";
            String user = "alumno";
            String password = "mipassword";
            // manage connection
            Connection miconexion;
            miconexion = DriverManager.getConnection(SourceURL, user, password);

            // creating a query
            String query = "SELECT * FROM empleados WHERE dni = ?";
            PreparedStatement stmt = miconexion.prepareStatement(query);
            stmt.setString(1, dni);
```

```

ResultSet misresultados = stmt.executeQuery();
// print results
salida.println(
"<TABLE BORDER=1 ALIGN=CENTER>\n"+
"<TR BGCOLOR=\"#FFAD00\">\n"+
"<TH>DNI<TH>Nombre<TH>Sueldo");
while (misresultados.next())
{
salida.println(
"<TR><TD>" +
misresultados.getString("dni")+"\n<TD>" +
misresultados.getString("nombre")+"\n<TD>" +
misresultados.getFloat("sueldo"));
}
salida.println("</TABLE></BODY></HTML>");
miconexion.close();
}
catch (SQLException sqle)
{
salida.println(sqle);
salida.println("</BODY></HTML>");
}
}
}

```

### Parametros.html:

```

<html>
<body>
<form action="servlet" method="get">
DNI: <input type="text" name="dni"><br>
<input type="submit" value="Buscar">
</form>
</body>
</html>

```

### Browser:

A screenshot of a web browser window. The address bar shows the URL `localhost:8080/Proyecto`. Below the address bar, there is a search form with a text input field containing the value `22222222` and a button labeled `Buscar`.

DNI:

## Conexión JDBC a MySQL

DNI	Nombre	Sueldo
22222222	Filemón	2222.22