PBL-3 Project Code:

input.html

<html>

<head>

<title>Login</title>

</script>

<link rel=*"stylesheet"* type=*"text/css"* href=*"input1.css"*>

<body>

<div class=*"loginbox"*;>

<img src=*"images/logo.jpg"* class=*"avatar"*>

<center> <h1>Enter Data </h1> </center>

<form method=*"POST"* action=*"indexAction.jsp"*>

<p>Name</p>

<input type=*"text"* id=*"fname"* name=*"name"* placeholder=*"Enter FullName"*>

<p>Enter Temperature:</p>

<input type=*"number"* id=*"tmp"* name=*"temp"* placeholder=*"Enter Temperature in Centigrade "*>

<p>Enter HeartRate:</p>

<input type=*"number"* id=*"hrt"* name=*"bpm"* placeholder=*"Enter HeartRate in BPM "*>

<p>Enter SpO2 level:</p>

<input type=*"number"* id=*"sp"* name=*"sp"* placeholder=*"SpO2 level in % "*>

<br>

<br>

<input type=*"submit"* name=*""* value=*"Confirm Input"*>

</form>

</body>

</head>

</html>

table.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 = "corona";

String userid = "root";

String password = "Ameya@2001";

**try** {

Class.forName(driver);

} **catch** (ClassNotFoundException e) {

e.printStackTrace();

}

Connection connection = **null**;

Statement statement = **null**;

ResultSet resultSet = **null**;

%>

<!DOCTYPE html>

<html lang=*"en"*>

<head>

<meta charset=*"UTF-8"*>

<meta name=*"viewport"* content=*"width=device-width, initial-scale=1.0"*>

<title>Table</title>

</head>

<link rel=*"stylesheet"* href=*"css/style.css"* />

<body style="background-color: *skyblue*;">

<center>

<h3 color:red>Inputted Data :</h3>

<table class=*"center"* border=*"1"* bordercolor=*"red"* width=*"400"* height=*"150"*>

<tr>

<td bgcolor=*"orange"*>Name</td>

<td bgcolor=*"orange"*>HeartRate</td>

<td bgcolor=*"orange"*>Temperature</td>

<td bgcolor=*"orange"*>OxygenLevel</td>

</tr>

<%

**try**{

connection = DriverManager.getConnection(connectionUrl+database, userid, password);

statement=connection.createStatement();

String sql ="select \* from user";

resultSet = statement.executeQuery(sql);

**while**(resultSet.next()){

%>

<tr>

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

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

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

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

</tr>

<%

}

connection.close();

} **catch** (Exception e) {

e.printStackTrace();

}

%>

</table>

<br>

<table border=*"1"* bordercolor=*"red"* width=*"400"* height=*"150"* class=*"center"*>

<thead>

<tr>

<th bgcolor=*"orange"*>SPO2 level</th>

<th bgcolor=*"orange"*>Temp reading(in degree celcius)</th>

<th bgcolor=*"orange"*>Pulse rate reading</th>

</tr>

</thead>

<tbody>

<tr>

<td>if SPO2 level > 95,it is normal</td>

<td>if temp lies between 36-37.5,it is normal</td>

<td>if pulse rate is between 60-100 BPM,it is normal</td>

</tr>

<tr>

<td>if SPO2 level lies between 90-95,it is a bit less</td>

<td>if temp > 37.5,it is high</td>

<td>if pulse rate > 100 BPM,it is high</td>

</tr>

<tr>

<td>if SPO2 level < 90,it is low</td>

<td>if temp is < 36,it is low</td>

<td>if pulse rate < 60 BPM,it is low</td>

</tr>

</tbody>

</table>

<br>

<br>

<a href=*"index.html"*>

<button type=*"button"*>Return to Home Page</button></a>

<br>

<br>

<a href=*"input.html"*>

<button type=*"button"*>Check Another input </button></a>

</center>

</body>

</html>

indexAction.jsp

<%@page import=*"java.sql.\*"*%>

<%

String name=request.getParameter("name");

String bpm=request.getParameter("bpm");

String temp=request.getParameter("temp");

String sp=request.getParameter("sp");

**try**{

Class.forName("com.mysql.jdbc.Driver");

Connection con=DriverManager.getConnection("jdbc:mysql://localhost:3306/corona","root","Ameya@2001");

Statement st=con.createStatement();

st.executeUpdate("insert into user (Name,bpm,tmp,sp) values('"+name+"','"+bpm+"','"+temp+"','"+sp+"')");

response.sendRedirect("save.html");

}

**catch**(Exception e){

out.println(e);

}

%>

save.html

<h1 style="text-align:*center*">Successfully updated</h1>

<a href=*"table.jsp"*>

<button type=*"button"*>Check Condition</button></a>

index.html

<html>

<head>

<title>Login</title>

<link rel=*"stylesheet"* type=*"text/css"* href=*"style1.css"*>

<body>

<div class=*"loginbox"*;>

<img src=*"images/avatar.png"* class=*"avatar"*>

<h1>Login Here</h1>

<form method=*"POST"* action=*"input.html"*>

<p>Username</p>

<input type=*"text"* name=*""* placeholder=*"Enter Username"*>

<p>Password</p>

<input type=*"password"* name=*""* placeholder=*"Enter Password"*>

<input type=*"submit"* name=*""* value=*"Login"*>

</form>

</body>

</head>

</html>

MYSQL Table

