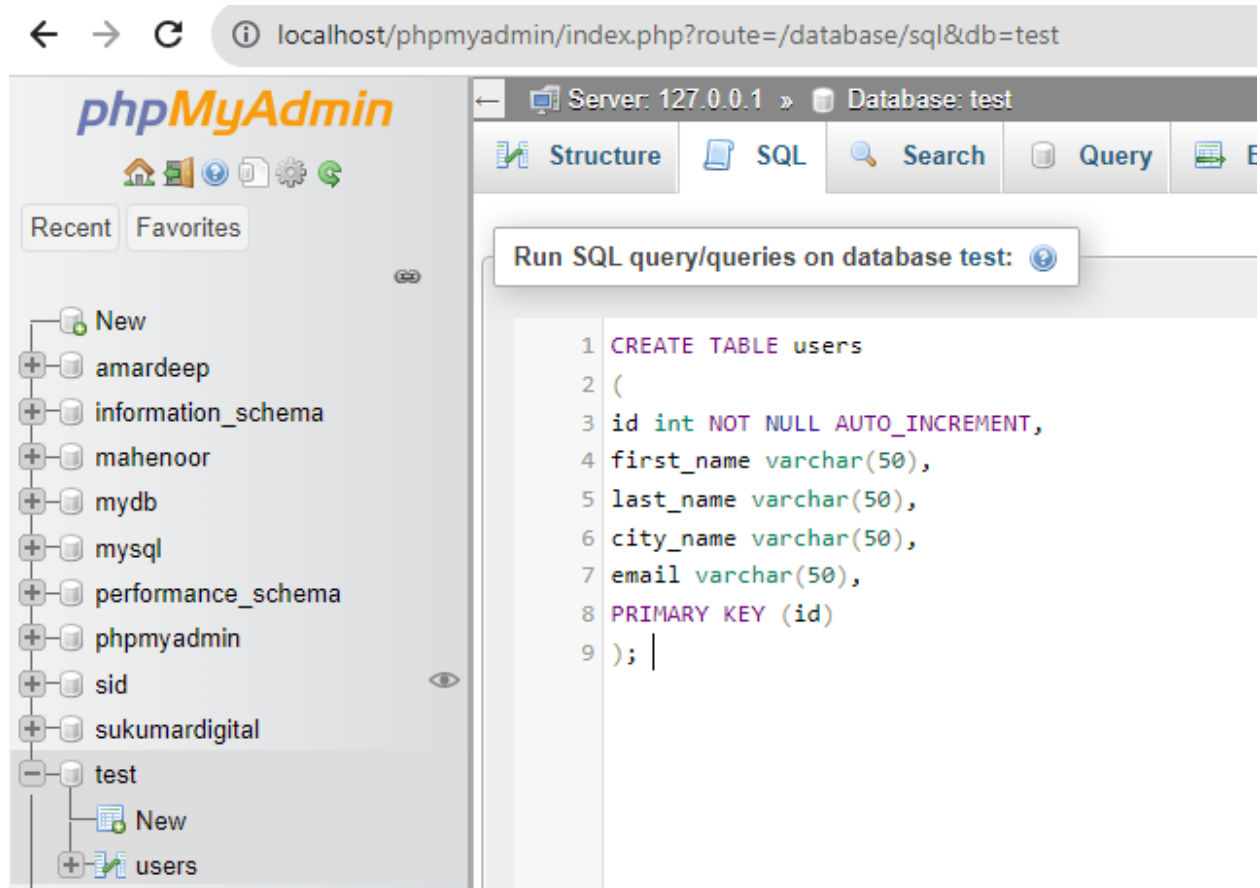
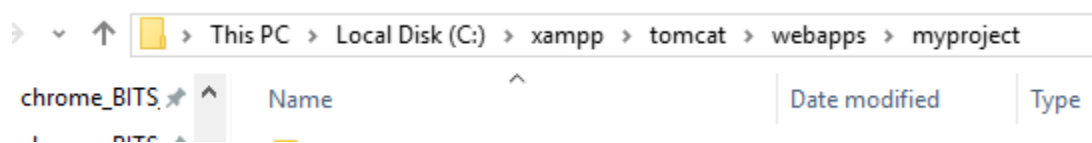


How to update form data to Mysql Database?

Step 1:- Create database test and inside this create table



And create form.htm file and process.jsp file inside



Step 2:-

index.jsp file:-

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
```

```
    pageEncoding="ISO-8859-1"%>

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">

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

<%@ page import="java.io.*" %>

<%@page import="java.sql.DriverManager"%>

<%@page import="java.sql.ResultSet"%>

<%@page import="java.sql.Statement"%>

<%@page import="java.sql.Connection"%>

<%

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

String driver = "com.mysql.jdbc.Driver";

String connectionUrl = "jdbc:mysql://localhost:3306/";

String database = "test";

String userid = "root";

String password = "";

try {

Class.forName(driver);

} catch (ClassNotFoundException e) {

e.printStackTrace();

}

Connection connection = null;

Statement statement = null;

ResultSet resultSet = null;

%>

<html>
```

```
<body>
```

```
<h1>Retrieve data from database in jsp</h1>
```

```
<table border="1">
```

```
<tr>
```

```
<td>id</td>
```

```
<td>first name</td>
```

```
<td>last name</td>
```

```
<td>City name</td>
```

```
<td>Email</td>
```

```
<td>update</td>
```

```
</tr>
```

```
<%
```

```
try{
```

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

```
statement=connection.createStatement();
```

```
String sql ="select * from users";
```

```
resultSet = statement.executeQuery(sql);
```

```
while(resultSet.next()){
```

```
%>
```

```
<tr>
```

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

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

```

<td><%=resultSet.getString("last_name") %></td>
<td><%=resultSet.getString("city_name") %></td>
<td><%=resultSet.getString("email") %></td>
<td><a href="update.jsp?id=<%=resultSet.getString("id")%>">update</a></td>
</tr>
<%
}
connection.close();
} catch (Exception e) {
e.printStackTrace();
}
%>
</table>
</body>
</html>

```

Step 3:-

update.jsp file code:-

```

<%@page import="java.sql.DriverManager"%>
<%@page import="java.sql.ResultSet"%>
<%@page import="java.sql.Statement"%>
<%@page import="java.sql.Connection"%>
<%
String id = request.getParameter("id");
String driver = "com.mysql.jdbc.Driver";

```

```
String connectionUrl = "jdbc:mysql://localhost:3306/";
String database = "test";
String userid = "root";
String password = "";
try {
    Class.forName(driver);
} catch (ClassNotFoundException e) {
    e.printStackTrace();
}
Connection connection = null;
Statement statement = null;
ResultSet resultSet = null;
%>
<%
try{
connection = DriverManager.getConnection(connectionUrl+database, userid, password);
statement=connection.createStatement();
String sql ="select * from users where id="+id;
resultSet = statement.executeQuery(sql);
while(resultSet.next()){
%>
<!DOCTYPE html>
<html>
<body>
<h1>Update data from database in jsp</h1>
```

```
<form method="post" action="update-process.jsp">
<input type="hidden" name="id" value="<%=resultSet.getString("id") %>">
<input type="text" name="id" value="<%=resultSet.getString("id") %>">
<br>
First name:<br>
<input type="text" name="first_name" value="<%=resultSet.getString("first_name") %>">
<br>
Last name:<br>
<input type="text" name="last_name" value="<%=resultSet.getString("last_name") %>">
<br>
City name:<br>
<input type="text" name="city_name" value="<%=resultSet.getString("city_name") %>">
<br>
Email Id:<br>
<input type="email" name="email" value="<%=resultSet.getString("email") %>">
<br><br>
<input type="submit" value="submit">
</form>
<%
}
connection.close();
} catch (Exception e) {
e.printStackTrace();
}
%>
```

```
</body>
```

```
</html>
```

Step 4:-

update-process.jsp file code :-

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
```

```
pageEncoding="ISO-8859-1"%>
```

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

```
<%! String driverName = "com.mysql.jdbc.Driver";%>
```

```
<%!String url = "jdbc:mysql://localhost:3306/test";%>
```

```
<%!String user = "root";%>
```

```
<%!String psw = "";%>
```

```
<%
```

```
String id = request.getParameter("id");
```

```
String first_name=request.getParameter("first_name");
```

```
String last_name=request.getParameter("last_name");
```

```
String city_name=request.getParameter("city_name");
```

```
String email=request.getParameter("email");
```

```
if(id != null)
```

```
{
```

```
Connection con = null;
```

```
PreparedStatement ps = null;
```

```
int personID = Integer.parseInt(id);
```

```
try
```

```
{
```

```
Class.forName(driverName);
```

```
con = DriverManager.getConnection(url,user,psw);
String sql="Update users set id=?,first_name=?,last_name=?,city_name=?,email=? where id="+id;
ps = con.prepareStatement(sql);
ps.setString(1,id);
ps.setString(2, first_name);
ps.setString(3, last_name);
ps.setString(4, city_name);
ps.setString(5, email);
int i = ps.executeUpdate();
if(i > 0)
{
out.print("Record Updated Successfully");
}
else
{
out.print("There is a problem in updating Record.");
}
}
catch(SQLException sql)
{
request.setAttribute("error", sql);
out.println(sql);
}
}
%>
```


To run output:- start apache and mysql and tomcat server as shown below.

The screenshot displays the XAMPP Control Panel v3.3.0 interface. The title bar indicates it was compiled on Apr 6th 2021. The main window features a 'Modules' section with a table listing services and their status. The 'Tomcat' service is highlighted with a blue dashed border around its 'Stop' button. To the right, there are buttons for 'Config', 'Netstat', 'Shell', 'Explorer', 'Services', 'Help', and 'Quit'. Below the table is a log window showing the following entries:

Service	Module	PID(s)	Port(s)	Actions
<input type="checkbox"/>	Apache	7900 7268	80, 443	Stop Admin Config Logs
<input type="checkbox"/>	MySQL	5304	3306	Stop Admin Config Logs
<input type="checkbox"/>	FileZilla			Start Admin Config Logs
<input type="checkbox"/>	Mercury			Start Admin Config Logs
<input type="checkbox"/>	Tomcat	5892	8005, 8080, 59265, 59266, 59378	Stop Admin Config Logs

Log entries:

- 4:55:01 PM [main] Starting Check-Timer
- 4:55:01 PM [main] Control Panel Ready
- 4:55:05 PM [Apache] Attempting to start Apache app...
- 4:55:06 PM [Apache] Status change detected: running
- 4:55:07 PM [mysql] Attempting to start MySQL app...
- 4:55:08 PM [mysql] Status change detected: running
- 4:55:09 PM [Tomcat] Attempting to start Tomcat app...
- 4:55:17 PM [Tomcat] Status change detected: running

Retrieve data from database in jsp

id	first name	last name	City name	Email	update
1	omsir	mauryasir	mumbai	kaif.17jam@yahoo.com	update
2	pranita	gurav	mumbai	kaif.17jam@yahoo.com	update

Update data from database in jsp

First name:

Last name:

City name:

Email Id:

And finally after click on submit

← → ↻ ⓘ localhost:8080/myproject/update-process.jsp

Record Updated Successfully