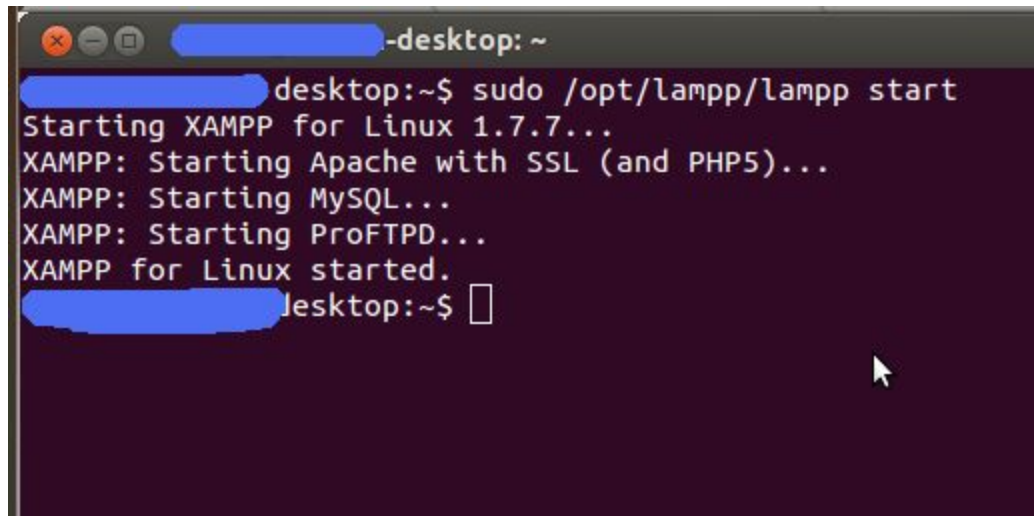


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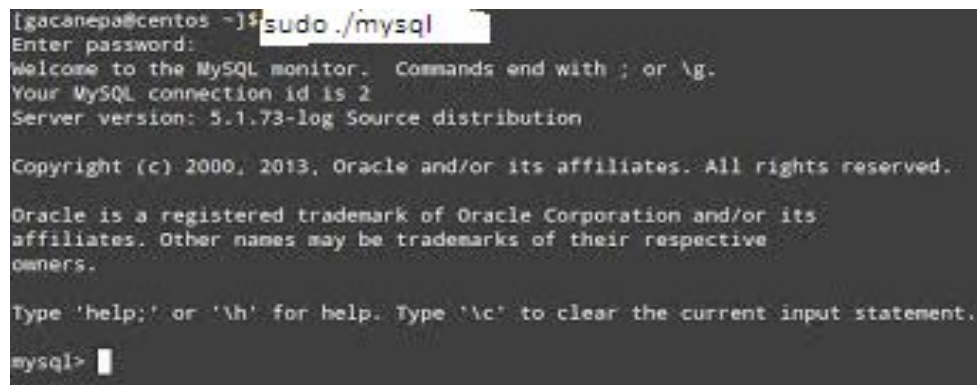
STEPS TO CREATE SERVLET USING ECLIPSE IDE

1. Login to Ubuntu
 - a. Login Name : lab1
 - b. Password : deslab1
2. Download Mysql-Connector Jar (respective MySQL version) file
3. **Copy Mysql-connector. jar file to /opt/apache-tomcat/lib**
4. Open a terminal and start MySQL Server using XAMPP



```
-desktop: ~
desktop:~$ sudo /opt/lampp/lampp start
Starting XAMPP for Linux 1.7.7...
XAMPP: Starting Apache with SSL (and PHP5)...
XAMPP: Starting MySQL...
XAMPP: Starting ProFTPD...
XAMPP for Linux started.
desktop:~$
```

5. Open another terminal change folder to
6. `$cd /opt/lampp/bin` and open MySQL command prompt



```
[gacanepa@centos ~]$ sudo ./mysql
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 2
Server version: 5.1.73-log Source distribution

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affiliates. Other names may be trademarks of their respective
owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql>
```

7. Create a database. Create table and insert 5 rows to the table.
8. Follow the steps to create a servlet.
9. Type the program and execute.

```

<%@ 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">
<html>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
<%@ page import="java.sql.*" %>
<%
String url = "jdbc:mysql://localhost:3306/";
String dbName = "mydb";
String driver = "com.mysql.jdbc.Driver";
String user = "root";
String password = "";
try {
    Class.forName(driver).newInstance();
    Connection con = DriverManager.getConnection(url+dbName, user, password);

    Statement st= con.createStatement();
    ResultSet rs;
    rs=st.executeQuery("select * from stud");
    String f1,f2;

    out.println("<TABLE CELLPACING=\"0\" CELLPADDING=\"3\" BORDER=\"1\">");
    out.println("<TR><TH>ID</TH><TH>Name</TH></TR>");

    //Loop through results of query.
    while(rs.next())
    {
        out.println("<TR>");
        out.println("    <TD>" + rs.getString("usn") + "</TD>");
        out.println("    <TD>" + rs.getString("name") + "</TD>");
        out.println("</TR>");
    }
    out.println("</TABLE>");
}
catch(SQLException e) {
    out.println("SQLException: " + e.getMessage() + "<BR>");
    while((e = e.getNextException()) != null)
        out.println(e.getMessage() + "<BR>");
}
catch(ClassNotFoundException e) {
    out.println("ClassNotFoundException: " + e.getMessage() + "<BR>");
}
}%>
</body>
</html>

```