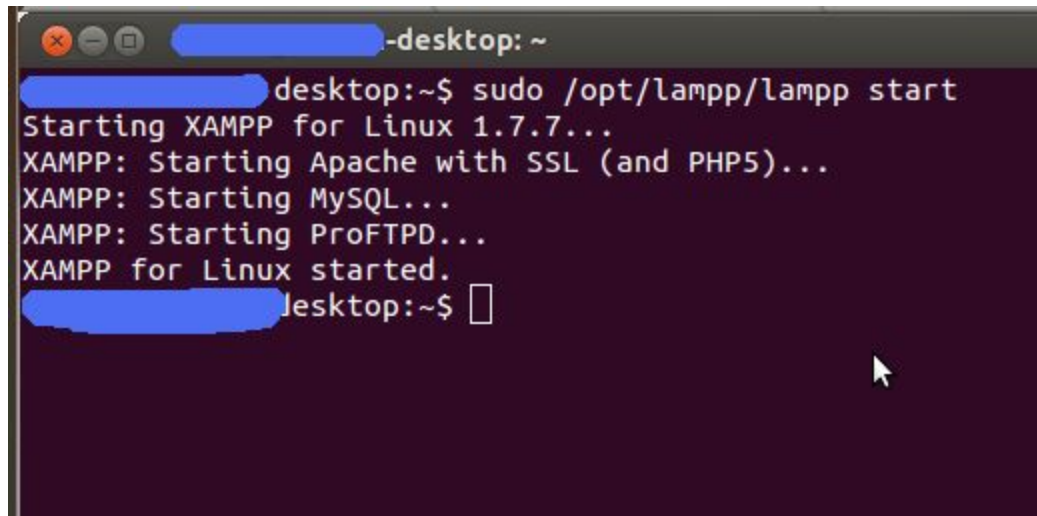


STEPS TO CREATE SERVLET USING ECLIPSE IDE

1. Download Mysql-Connector Jar (respective MySQL version) file
2. **Copy Mysql-connector. jar file to apache-tomcat/lib**
3. Open a terminal and start MySQL Server using XAMPP

A screenshot of a Linux terminal window. The title bar shows standard window controls and the text '-desktop: ~'. The terminal text shows a user at the 'desktop:~\$' prompt running the command 'sudo /opt/lampp/lampp start'. The output shows 'Starting XAMPP for Linux 1.7.7...', followed by 'XAMPP: Starting Apache with SSL (and PHP5)...', 'XAMPP: Starting MySQL...', 'XAMPP: Starting ProFTPD...', and finally 'XAMPP for Linux started.' The prompt returns to 'desktop:~\$' with a cursor. A mouse cursor is visible on the right side of the terminal.

```
-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:~$
```

4. Create a database. Create table and insert 5 rows to the table.
5. Follow the steps to create a servlet.
6. Type the program and execute.

```

import java.io.IOException;
import java.io.PrintWriter;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.SQLException;
import javax.servlet.annotation.WebServlet;
import java.sql.Statement;

import javax.servlet.ServletException;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
@WebServlet("/JDBCServlet")
public class JDBCServlet extends HttpServlet {

    public void doGet(HttpServletRequest request,
        HttpServletResponse response) throws ServletException,
        IOException {
        response.setContentType("text/html;charset=UTF-8");
        PrintWriter out = response.getWriter();

        String url = "jdbc:mysql://localhost:3306/";
        String dbName = "mydb";
        String driver = "com.mysql.jdbc.Driver";
        String user = "root";
        String password = "";
        Statement pstmt;

        try {
            Class.forName(driver).newInstance();
            Connection conn = DriverManager.getConnection(url+dbName, user,
password);
            //      PreparedStatement pstmt;
            String sql = "SELECT * FROM stud";
            pstmt = conn.createStatement();
            ResultSet rs=pstmt.executeQuery(sql);
            out.println("<html>");
            out.println("<p>MYSQL Connection is successful</p> " );
            String f1,f2;

            while(rs.next())
            {
                f1 = rs.getString(1);
                f2=rs.getString(2);
                System.out.println(f1+" "+f2);
                out.println("<p>Welcome</p> " + f1+f2);
                out.println("</body>");
                out.println("</html>");

            }
            out.close();
            out.println("</body>");
            out.println("</html>");

        } catch (Exception e) {
            System.out.println("ERROR"+e);
            out.close();

        }
    }
}

```