

Name → Vikram

Section → B

Roll no → 2001165

Que 1 Indon.html
<!DOCTYPE html>

<html>

<head

<title> Question one </title>

</head>

<body>

<form action = "login">

<label> User name </label> <input

type = "text" placeholder = "Enter your

Username -"

name = "login" />

<label> password </label> <input

type = "text" placeholder = "Enter

password -"

name = "password" />

<button type = "Submit"> login </button>

</form>

</body>

</html>

Conne. file

```
import java.sql.*;
```

```
public class Conn {  
    public static boolean checkUser (String email  
    , String pass)
```

```
{
```

```
    boolean st = false;
```

```
    try {
```

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

```
        Connection con =
```

```
        DriverManager.getConnection
```

```
        ("jdbc:oracle:getthin:@localhost:
```

```
        1521 :xe", "System", "abcd");
```

```
        PreparedStatement ps = con.prepareStatement
```

```
        ("Select * from login where Username = ? and  
        Password = ?");
```

```
        ps.setString(1, email);
```

```
        ps.setString(2, pass);
```

```
        ResultSet rs = ps.executeQuery();
```

```
        if (rs.next()) {
```

```
            catch (Exception e) {
```

```
                e.printStackTrace();
```

```
            return st;
```

```
}
```


Login File

```
import java.io.*;
```

```
import javax.servlet.*;
```

```
import javax.servlet.http.*;
```

```
import java.sql.*;
```

```
public class login extends HttpServlet{
```

```
    protected void
```

```
    doPost (HttpServletRequest request),
```

```
    HttpServletResponse response)
```

```
    throws ServletException, IOException{
```

```
    response.setContentType ("text/html; charset  
= UTF - 8");
```

```
    PrintWriter out = response.getWriter();
```

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

```
    String Pass = request.getParameter("Password");
```

```
    if (conn.checkUser(Username, Pass)) {
```

```
        Request Dispatcher rs = request.getRequestDispatcher
```

```
        ("/welcome");
```

```
        rs.forward (request, response);
```

```
else  
{  
    out.println("Username or password incorrect");  
    Request Dispatcher rs = request.get  
    Request Dispatcher("index.html");  
    rs.include(request, response);  
}  
}
```


Welcome.java file

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

```
public class welcome extends HttpServlet
```

```
{
```

```
    protected void
```

```
doPost (HttpServletRequest request ,  
        HttpServletResponse response)
```

```
throws ServletException ,
```

```
IOException {
```

```
    response.setContentType("text/html");
```

```
    Charset = UTF - 8");
```

```
    PrintWriter out = response.getWriter();
```

```
    System.out.println (" Welcome User");
```

```
}
```

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Que 2

```
import java.sql.*;
```

```
import java.util.*;
```

```
public class Q2 {
```

```
    public static void main(String[] args) {  
        // TODO Auto-generated method stub
```

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

```
        Connection
```

```
        Conn = DriverManager.getConnection("jdbc:  
mysql://localhost:3306/mydb","root","1234");
```

```
        System.out.println("Connected");
```

```
        PreparedStatement
```

```
        Pst = Conn.prepareStatement("insert into  
book details values (?,?,?,?)");
```

```
        Scanner sc = new Scanner(System.in);
```

```
        System.out.println("Enter book name");
```

```
        String bname = sc.nextLine();
```


Q2.

```
System.out.println("Enter author name");
String name = sc.nextLine();
System.out.println("Enter number of pages");
int nop = sc.nextInt();
System.out.println("Enter price");
int price = sc.nextInt();
Pst.setString(1, name);
Pst.setString(2, name);
Pst.setInt(3, nop);
Pst.setInt(4, price);
int x = pst.executeUpdate();
pst.close();
if (x != 0) {
    System.out.println("Data inserted");
}
else {
    System.out.println("Enter Again");
}
Pst = conn.prepareStatement("Select * from
book details");
ResultSet rs = pst.executeQuery();
while (rs.next()) {
    System.out.println("Book Name: " + rs.getString(1));
}
```

Q2 System.out.println("Author Name: " + rs.getString(2));
System.out.println("No of pages: " + rs.getInt(3));
System.out.println("Price: " + rs.getInt(4));
}

// create procedure

// rs.first();

Conn.close();

}

catch (Exception e) {

e.printStackTrace();

}

}

}