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MCA - B, 20711074

①

Q1) index.html

```html
<html>
<head>
<title> question One </title>
</head>
<body>
<form action= "POST">

<label> User name </label>
<input type = "text" placeholder= "enter your username.."
name= "login" />  < br />
<label> Password </label>
<input type= "password"  place holder="enter password"
name = "password" />  <br />
<form < button type= "submit"> login </button> <br/>

</form>
</body>
</html>
```

conn.java

```java
import java.sql.*;
public .class conn {
public static boolean checkUser (string email, string pass)
{ boolean st= false;

try {
Class.forName ("com.mysql.jbdc.Driver");
Connection con= DriverManger.getConnection ("jdbc: oracle: thin
@ localhost :1500: 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();
            st= rs.next();
        }
        catch (Exception e) {
            e.printStackTrace();
        }
        return st;
    }
}
```

Login.java

```java
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)) {
    RequestDispatcher rs = request . getRequestDispatcher ("welcome");
        rs . forward (request, response);
    }
    else
    {
        out . println (" Username or Password incorrect");
        RequestDispatcher rs = request . getRequestDispatcher
            rs . include (request, response);           ("index. html");
        }}
```

Welcome . java

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

    public class welcome extends Http servlet {
    protected void doPost ( Http ServletRequest request,
    Http Servlet Response response)
    throws ServletException, IOException {
        response . setContentType ("text/html; charset = UTF-8");
        PrintWriter out = . response . getWriter();
        out . println (" Welcome User");
        }
    }
```

vivek

```java
Q2) import java.sql.*;
    import java.util.*;
    public class Q2{
        public static void main (String [] args){

    try {
            Class. forName ("com.mysql.cj.jbdc.Driver");
            Connection
    conn = DriverManager.getConnection ("jbdc:mysql://localhost:3000/
        vivekdb", "root", "2310");
        System.out.println ("Connected to Database");
        PreparedStatement pst = conn.prepareStatement ("insert into
        bookdetails values (?,?,?,?)");

        Scanner sc= new Scanner (System.in)
        System.out.println (" Enter book name");
        String bname = sc.nextLine();
        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, bname);
        pst.setString (2, name);
        pst.setInt (3, nop);
```

```
pst. setInt (4, price);
    int x = pst. execulelUpdate ();
    pst. close ();
    if ( x! = 0) {
        System. out. println ('Data inserted");
    }
    else {
        System. out. printn ("Enter again");
    }
    pst= conn. pepare Statement (" select * from
                                        bookdetails");
    ResultSet rs= pst. execute Query();
        while (rs.next ()){
            System. out. println (" Book Name : "+rs.getString(1)).
            System. out. println ("Author Name: "+rs.getString(2));
            System. out. println ("No. of pages:"+rs.getInt(3);
            System. out. println ("Price:"+ rs.getInt (4));
        }

        rs.first ();
        conn. close ();
    }
    catch (Exception e) {
        e. print Stack Trale();
    }
}
}
```