# Lab – Sessions

## Q1. (Hidden Data Fields)

~~Write an J2EE application with 3 JSPs, gatherData1.jsp, gatherData2.jsp, gatherData3.jsp and printData.jsp~~

* ~~index.jsp – form asking for name and address~~
* ~~Servlet & JSP – form asking for creditCardNumber and expDate~~
* ~~Servlet & JSP – addressLine1 and addressLine2~~
* ~~pServlet & JSP - Display all the data entered in the previous three forms.~~

## Q2. (HttpSession)

Re-implement the above example using a HttpSession. Use the following files

* ~~index.jsp – form asking for name and address~~
* Servlet1.java
* ~~gatherData2.jsp – – form asking for creditCardNumber and expiraryDate~~
* Servlet2.java
* ~~gatherData3.jsp – addressLine1 and addressLine2~~
* Servlet3.java
* ~~printAllData.jsp - Display all the data entered in the previous three forms~~.

The Servlets add data to the HttpSession object. The JSP printAllData.jsp access the data from the HttpSession object. (sessionScope.name etc.)

## Q3. (Cookies)

Write an application as follows. When a user visits a site, if that users name is stored in a cookie, then a message “Hello <username>” is displayed. If not, the user is asked to enter a name and then the hello message is displayed.

You need the following files

* index.jsp – simply redirects to MainServlet
* MainServlet
  + If cookie defined, dispatch to hello.jsp
  + If not, dispatch to enterName.jsp
* hello.jsp – displays message “Hello <name>”
* enterName.jsp – asks user for name
* EnterNameServlet
  + saves the name in a cookie
  + redirects to MainServlet