# Practice 1 - Demo implicit objects & scripting: welcome.jsp

* Scriptlets used to insert Java code
* Use **request** implicit object to get parameter
* JSP declaration

# Practice 2 – Demo standard actions (forward, include, param)

Create new jsp named forward1.jsp which allow the user to input his/her first-name and click Submit button to get the welcome message (Hello + entered-first-name). On clicking Submit button, user would be get forwarded to the forward2.jsp (along with the entered-first-name)

The page forward2.jsp would get the first-name parameter from the page forward1.jsp and show the relevant information via its two components:

1. hello.jsp (included in the page forward2.jsp): would get the first-name parameter from the page forward2.jsp and show the welcome message.
2. Message informed about current page access date (refer the first example clock.jsp)

# Practice 3 – Session Tracking

Write a JSP application to see how we can track the session information. The application includes three pages as below:

* The 1st page is a static HTML page (called SessionSelectLanguage.html) which allow the user to choose one of the 4 programming languages: C, C++, Java, and VB 6; After choosing one language and clicking Submit button, user are redirected to second page.
* The Second page is a JSP page which would show the chosen programming language and two links
  + First link would redirect the user to the first page for choosing another language
  + Second link would redirect the user to the third page (described below)
* The third page shows the list of books for chosen programming languages

Firstly, write that use Cookie - trainer can refer to follow sources to get ideas

* CookieServlet.java: Storing user data on the client computer with cookies
* CookieSelectLanguage.html: document for selecting a programming language and posting the data to the CookieServlet

Then, migrate the application to use HTTP Session object – reference sources:

* SessionServlet.java: Maintaining state information with HttpSession objects
* SessionSelectLanguage.html: document for selecting a programming language and posting the data to the SessionServlet