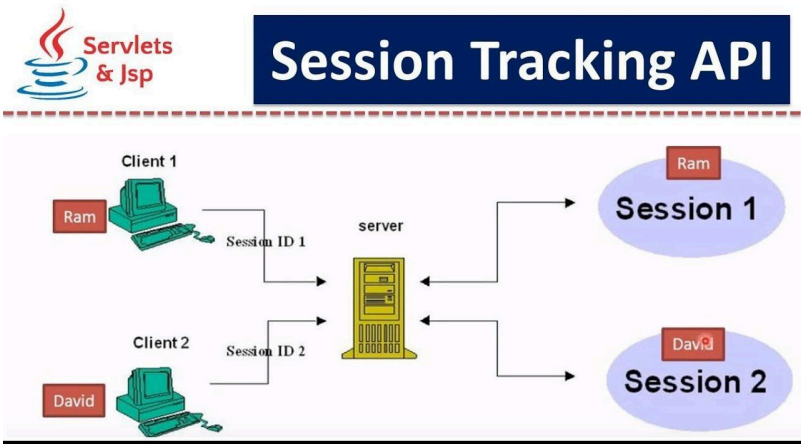
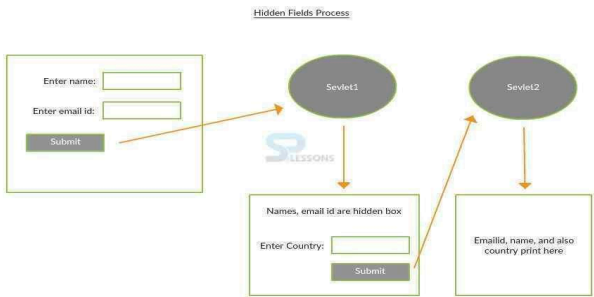


Tutorial Week 5

Our readings (lecture notes and video lecture) this week discuss the Servlet (session tracking and database programming in Servlet). Write the answers for all questions in the table according to your understanding. **PLEASE USE YOUR OWN WORDS. DO NOT COPY FROM THE WEB.**

Questions	Answers
<p>1. What is session tracking? What are the three techniques for session tracking?</p> 	
<p>2. How do you use hidden values in HTML form for session tracking? Write example code for session tracking using hidden values based on the following figure.</p> 	
<p>3. Write a servlet that stores the following cookies in a browser and set their max age for two days:</p> <p>Cookie 1: name is "color" and value is red.</p> <p>Cookie 2: name is "radius" and value is 5.5.</p> <p>Cookie 3: name is "count" and value is 2.</p>	

4. Write a servlet that display all the cookies on the client. The client types the URL of the servlet from the browser to display all the cookies stored on the browser.	
5. Write a servlet URLtracker.java that retrieve values from a url html form and send parameter name and studentID using URL rewriting technique to another servlet. Use <code>getParameter()</code> method to obtain a parameter value.	
6. Create a servlet SessionTracker.java and use session tracking using the Servlet API to keep track the session and display "Welcome to CSC584 class" to first-time visitors (within a browsing session) and "Welcome Back" to repeat visitors. If you did this same task earlier with the Cookie API, was this servlet harder or easier than the equivalent version using cookies explicitly?	