

Java Topics Notes (Module 4 and 5)

- Please find the attached links to the references of the topics or notes for a particular topic
- Practical's for these topics will be shared separately.
- Final Dates to cover all these topics will be 14/9/2021 to 15/9/2021 (Approx. one week)

Servlet and JSP Module 1

1. Servlet sample app with Lifecycle, Initialization, Config and Context:

- https://docs.oracle.com/cd/B14099_19/web.1012/b14017/overview.htm
- <https://www.geeksforgeeks.org/life-cycle-of-a-servlet/>
- <https://www.javatpoint.com/servletconfig>
- <https://www.javatpoint.com/servletcontext>
- <https://www.geeksforgeeks.org/difference-between-servletconfig-and-servletcontext-in-java-servlet/>

2. Deployment model (war and other elements)

- <https://www.javatpoint.com/steps-to-create-a-servlet-using-tomcat-server>
- <https://cloud.google.com/appengine/docs/standard/java/config/webxml>

3. request forward / dispatcher

- <https://www.geeksforgeeks.org/servlet-collaboration-java-using-requestdispatcher-httpServletResponse/>
- <https://www.javatpoint.com/requestdispatcher-in-servlet>
- <https://docs.oracle.com/javaee/7/api/javax/servlet/RequestDispatcher.html>

practical's

1. Create any static web application of 4 pages using servlet.
2. Create web application to read and submit form (Registration) data to next servlet page.
3. Create web application where you can demonstrate Servlet life Cycle (Application initialization, clean up activity, request logging)
4. Create web application where you can demonstrate Servlet Config (Page level data) and Context (Application-level data)
5. Create web application where you can demonstrate Servlet request dispatcher and forward (Login – Success page and failure page rendering)

Servlet and JSP Module 2

1. Session Management

<https://www.geeksforgeeks.org/the-httpsession-interface-in-servlet/>

<https://www.javatpoint.com/session-tracking-in-servlets>

<https://docs.oracle.com/javaee/7/api/javax/servlet/http/HttpSession.html>

2. Scopes (request, response, context)

<https://www.javaee.com/application-request-session-and-page-scopes-in-servlets-and-jsp>

<https://www.javatpoint.com/attribute>

practical's

- 1.** Create web application where you can demonstrate Servlet request Session Management (Login – Session, Cookie...etc)
- 2.** Create web application where you can demonstrate Servlets Scopes (read & update request data, response techniques, use of context)