

Unit -7: Servlets and Java Server Pages

Assignments:

1. What is Servlet? Discuss the life cycle of Servlet in detail.
2. What is JSP? Discuss with suitable example.
3. Explain the life cycle of JSP.
4. Discuss different methods used in the life cycle of Servlet.
5. How do you handle HTTP request (GET and POST) using Servlet?
6. Differentiate Servlet with JSP.
7. Explain the significance of cookies and sessions with suitable example?
8. Describe the process to deploy the Servlet. Write a program to a JSP web form to take input of a student and submit it to second JSP file which may simply print the values of form submission.
9. How forms can be created and processed using JSP? Make it clear with your own assumptions.
10. Write a simple JSP program to display "Texas International College" 10 times.
11. Explain different scripting elements of JSP with example.
12. Describe how an HTTP Servlet handles its client requests.
13. Write the short note on :
 - a. Servlet API
 - b. Java Web Frameworks
 - c. Session Tracking
 - d. Servlet Interface
14. Create a simple servlet that reads and displays data from HTML form. Assume form with two fields username and password.
15. How forms can be created and processed using JSP?

16. Discuss MVC design pattern with example.

17. How do you handle HTTP request (GET) using servlet?

18. Create a below JSP web form to take input and submit it to servlet file which may simply print the values of below form submission.

Name :

Password :

Gender : ☐ Male ☐ Female

Email :

Phone no :

Er. Shankar Pd. Dahal
pdsdahal@gmail.com

19. Create a servlet that computes and displays factorial of an input number entered from a page when the button from the page is pressed by the user.