

B. Tech. (CSE) V SEMESTER**Professional Elective– I Lab****ADVANCED JAVA LAB (PE3111CS)**

Teaching Scheme				Examination Scheme
L	T	P	C	Internal Marks :25
0	0	3	1.5	External Marks :50

List of Experiments

1. Java Program to create login form with swing Components.
2. Java Program to create student registration form with swing components.
3. Java Program to demonstrate Jtree, Menus, Jtable in swing.
4. Java Program to handle action events, key events, mouse events.
5. Write simple JavaFx program to display “welcome message”
6. Write JavaFx Program to insert image in window.
7. Java program to create simple form using JavaFx.
8. Java program to handle action events using JavaFx.
9. Java Program to Create a Server for the purpose of URL supplied to URL class object
10. Java Program to Create a Server that Receives Data from the Client Using BufferedReader and Sends Reply to the Client Using PrintStream
11. Java Program that Accepts the Filename and Checks for its Existence. When the File Exists at Server Side, Send its Contents to the Client
12. Java Program of a Client Program to Accept a File Name from the Keyboard and Send that Name to the Server. The Client Receives the File Contents from the Server.
13. Java Program to Use Datagram Socket for Client Server Communication
14. Demonstrate operations of Vector, ArrayList, LinkedList collection classes?
15. Demonstrate operations of HashMap, TreeMap, LinkedHashMap collection classes?
16. Demonstrate operations of HashSet, TreeSet, LinkedHashSet collection class
17. Demonstrate operations of Stack, ArrayQueue, PriorityQueue collection classes?
18. Create a phone directory with names and phone numbers using hash table?
Search the directory by name?
Search the directory by phone number?
19. Java program to create a SQL table using JDBC and insert data value.
20. Java program to insert, modify, update value in SQL table using JDBC.
21. Java program to demonstrate prepared and callable statements.
22. Java Program to demonstrate scrollable result set.
23. Java Program to display meta data of a SQL table.
24. Java Program to create HTTP servlet and display a Welcome message.
25. Java program to retrieve the details from login form and display using Servlet.
26. Java program to create servlet to servlet communication.
27. Java program to retrieve the parameters from servlet.
28. Java Program to send parameters to servlet.
29. Java Program to handle session tracking using servlet.

-
30. JSP program to retrieve the name from web form and send greet message.
 31. JSP Program to retrieve two integers from client and display their sum at client.
 32. Write a JSP application that checks the login credentials and display appropriate message back to the Client?
 33. JSP program to perform database operations.
 34. JSP program to create cookies.
 35. JSP program to handle database operations using JSTL.