



Subject Name: Advanced Java Programming
Subject Code: IT 371

Semester: 5th IT
Academic year: 2018/2019

Practical List

SERVLET ...

1.	Write a program in servlet to print "Hello World".
2.	Write a program in servlet to fetch different parameters from HTML and display in servlet using <code>getParameter()</code> and <code>getParameterValues()</code> methods.
3.	Make a simple login application in servlet and check for the username. If entered username is "6it" then redirect to another servlet and display welcome message.
4.	Write a program in servlet to store username in session and set session time interval in above program
5.	Demonstrate the use of <code>RequestDispatcher</code> class in servlet.
6.	Make a servlet to demonstrate the use of servlet context listener and servlet session listener.
7.	Implement logging filter and response filter in servlet.

JDBC ...

1.	Fetch and display records from a table using field index
2.	Fetch and display records from a table using Result set metadata.
3.	Display database properties using Database metadata
4.	Using prepared statement perform insert, update and delete operations.
5.	Using commit and set auto commit.

JSP ...

1.	Write a program in JSP to demonstrate the declarative elements, Expression elements, and Scriptlet elements.
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2.	Make a JSP page to retrieve posted data to JSP from HTML page using implicit object concept.
3.	Implement session and cookie in JSP to keep track of all user activities.
4.	Write a JSP page to access all the fields from table and display in JSP using mysql.
5.	Make complete 3 tier client server architecture (Login Application) with the help of servlet, jsp and jdbc.
6.	Demonstrate the use of all JSP Action tags.
7.	Implement bean class Demo which contain getter and setter method for any two variable.

JSTL ...

1.	Write a program which demonstrate all JSTL Core library tags.
2.	Implement JSTL XML library tags
3.	Implement all JSTL SQL library tags

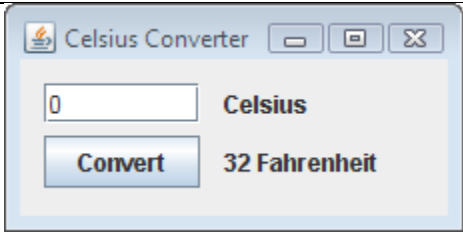
RMI ...

1.	Write a simple program of server and client using RMI.
2.	Write a program to demonstrate Naming Class, Object Serialization and Dynamic Stubbing

SOCKET PROGRAMMING ...

1.	Write a program that shows TCP socket implementation in java.
2.	Write a program that shows UDP socket implementation in java.


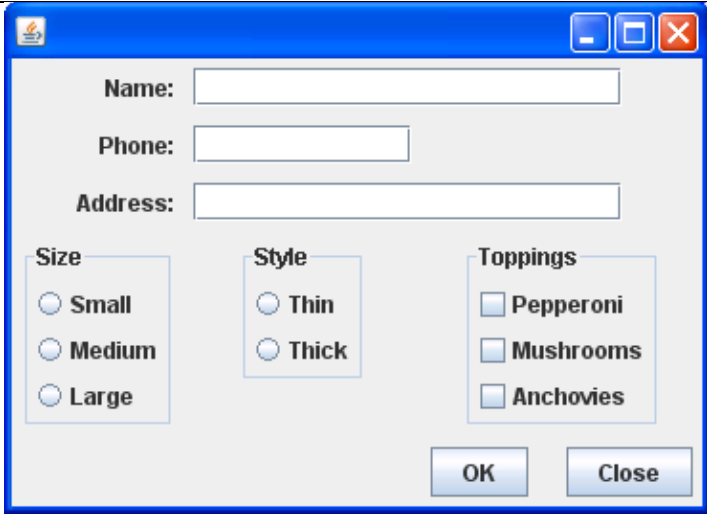
SWING ...

1.	
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2.	
3.	

Instructions:

- I. Every student must have the basic knowledge of HTML, Java and XML.
- II. Maintain the soft copy of programs by each student individually.
- III. Follow the ISO file format.