SARDAR VALLABHBHAI PATEL INSTITUTE OF TECHNOLOGY, VASAD
INFORMATION TECHNOLOGY
SEMESTER VI
ADVANCED JAVA (2160707)

INDEX

Sr No.	Date	Practical	Page No	Grade	Sign
1(a)		Create chat application using either TCP or UDP protocol.			
1(b)		Implement TCP Server for transferring files using Socket and ServerSocket			
2(a)		Implement any one sorting algorithm using UDP on Server application and Give Input On Client side and client should sorted output from server and display sorted on input side.			
2(b)		Implement Concurrent TCP Server programming in which more than one client can connect and communicate with Server for sending the string and server returns the reverse of string to each of client			
3(a)		Implement Student information system using JDBC			
3(b)		User can create a new database and also create new table under that database. Once database has been created then user can perform database operation by calling above functions. Use following Java Statement interface to implement program: 1. Statement 2. Prepared statement 3. Callable statement			
4		Create Servlet file and study web descriptor file.			
5		Create Servlet file which contains following functions: 1. Connect 2. Create Database 3. Create Table 4. Insert Records into respective table 5. Update records of particular table of database 6. Delete Records from table. 7. Delete table and also database.			
6		Create login form and perform state management using Cookies, HttpSession and URL Rewriting.			
7		Implement Authentication filter using filter API.			
8		Create database of student subject-wise data and retrieve all data using JSP and generate xml structure along with DTD and XML Schema definition			
9		Implement Action tags using JSP.			
10(a)		Create web service which provides student information.			

10(b)		Create Web Service client which consume above service and display student data by entering student id.			
11		Study and implement Hibernate			
12		Study and Implement MVC using Spring Framework			
13		OEP			
14		ALA			
15		BEYOND SYLLABUS			