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SR. NO.	PRACTICAL	SIGN
1.	Write programs for the following:	
a.	Create a simple calculator application using servlet.	
b.	Create a servlet for a login page. If the username and password are correct then it says message "Hello <username>" else a message "login failed" Code.	
c.	Create a registration servlet in Java using JDBC. Accept the details such as Username, Password, Email, and Country from the user using HTML Form and store the registration details in the database.	
2.	Write programs for the following:	
a.	Using Request Dispatcher Interface create a Servlet which will validate the password entered by the user, if the user has entered "Servlet" as password, then he will be forwarded to Welcome Servlet else the user will stay on the index.html page and an error message will be displayed.	
b.	Create a servlet that uses Cookies to store the number of times a user has visited servlet.	
c.	Create a servlet demonstrating the use of session creation and destruction. Also check whether the user has visited this page first time or has visited earlier also using sessions.	
3.	Write programs for the following:	
a.	Create a Servlet application to upload and download a file.	
b.	Develop Simple Servlet Question Answer Application using Database.	
c.	Create simple Servlet application to demonstrate Non-Blocking Read Operation.	
4.	Write programs for the following:	
a.	Develop a simple JSP application to display values obtained from the use of intrinsic objects of various types	
b	Develop a simple JSP application to pass values from one page to another with validations. (Name-txt, age-txt, hobbies-checkbox, email-txt, gender-radio button).	
c	Create a registration and login JSP application to register and authenticate the user based on username and password using JDBC.	
5.	Write programs for the following:	

a.	Create an html page with fields, eno, name, age, desg, salary. Now on submit this data to a JSP page which will update the employee table of database with matching eno.	
b.	Create a JSP page to demonstrate the use of Expression language.	
c.	Create a JSP application to demonstrate the use of JSTL	
6.	Write programs for the following:	
a.	Create a Currency Converter application using EJB.	
b.	Develop a Simple Room Reservation System Application Using EJB	
7.	Write programs for the following:	
a.	Develop simple EJB application to demonstrate Servlet Hit count using Singleton Session Beans.	
b.	Develop simple visitor Statistics application using Message Driven Bean [Stateless Session Bean].	
c.	Develop simple Marks Entry Application to demonstrate accessing Database using EJB.	
8.	Write programs for the following:	
a.	Develop a simple Inventory Application Using JPA.	
b.	Develop a Guestbook Application Using JPA.	
c.	Create simple JPA application to store and retrieve Book details.	
9.	Write programs for the following:	
a.	Develop a JPA Application to demonstrate use of ORM associations.	
b.	Develop a Hibernate application to store Feedback of Website Visitor in MySQL Database.	
c.	Develop a Hibernate application to store and retrieve employee details in MySQL Database.	
10.	Write programs for the following:	
a.	Develop an application to demonstrate Hibernate One- To -One Mapping Using Annotation.	
b.	Develop Hibernate application to enter and retrieve course details with ORM Mapping.	
c.	Develop a five-page web application site using any two or three Java EE Technologies.	