



Acharya Institute of Technology

Department of Computer Science & Engineering

Soladevanahalli, Bangalore-560107

Assignment - II [Academic Year: 2023-24]

Sub with Code: Advanced Java Programming (21CS642)

Max Marks: 10

Semester/Section: 6th Sem A, B, C & D

Q.NO	QUESTIONS	RBT	CO
1.	Write Java Program to demonstrate following string handling functions: a. Substring b. Replace c. Split d. Join e. toUpperCase f. toLowerCase g. Trim h. startsWith i. endsWith j. equalsIgnoreCase	L3	CO3
2.	Create a servlet web application that allows users to log in and maintain a session with personalized greetings. The application should use cookies to remember the user's login state across sessions. When a user logs in, a session is created, and a welcome message is displayed. If the user revisits the application without logging out, they should be automatically recognized using cookies.	L3	CO4
3.	Create a JSP page that displays a list of students' names and their respective grades using JSP Standard Tag Library (JSTL). The data should be stored in a list of objects in a servlet and passed to the JSP page. Use JSTL tags to loop through the list and display the data in an HTML table.	L3	CO4
4.	Create a JSP page that displays a list of students' names and their respective grades using JSP Standard Tag Library (JSTL). The data should be stored in a MySQL database. Your task is to: 1. Create a MySQL Database: <ul style="list-style-type: none">○ Set up a MySQL database named with a student table students	L3	CO5

	<p>having columns name (VARCHAR) and grade (VARCHAR).</p> <p>2. Servlet Code:</p> <ul style="list-style-type: none">○ Implement a servlet to insert student names and grades into the MySQL database.○ Retrieve the list of students and their grades from the database.○ Pass the retrieved data to the JSP page. <p>3. JSP Code:</p> <ul style="list-style-type: none">○ Use JSTL tags to loop through the list of students and display the data in an HTML table.		
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