

GOVERNMENT COLLEGE OF ENGINEERING, JALGAON*(An Autonomous Institute of Government of Maharashtra)*

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Sr. No .	Title of Experiment	Date of Performance	Date of Completion	Sign of Teacher	Page No.
1	Write a program for the following a. Write a JAVA program to display default values of all primitive data types of JAVA. b. Five Bikers Compete in a race such that they drive at a constant speed which may or may not be the same as the other. To qualify for the race, the speed of a racer must be more than the average speed of all 5 racers. Take as input the speed of each racer and print back the speed of qualifying racers.				
2	Write a program for the following a. Write a java program to search for an element in a given list of elements using binary search mechanism b. Write a java program to sort for an element in a given list of elements using bubble sort				
3	Write a program for the following a. Write a java program to implement a class mechanism. – Create a class, methods and invoke them inside the main method. b. Write a java program to implement constructor overloading c. Write a java program implement method overloading				

4	<p>Write a program for the following</p> <p>a. Write a java program for abstract class to find areas of different shape</p> <p>b. Write a java program to give examples for “super” keywords.</p> <p>c. Write a java program to implement Interface.</p>				
	d. Write a program for the implementation of Multiple inheritance using interfaces to calculate the area of a rectangle and triangle				
5	<p>Write a program for the following</p> <p>a. Write an example that counts the number of times a particular character, such as e, appears in a file. The character can be specified at the command line</p> <p>b. Write a Java program that checks whether a given string is a palindrome or not.</p>				
6	Write a java program that creates threads by extending the Thread class .First thread display “Good Morning “every 1 sec, the second thread displays “Hello “every 2 seconds and the third display “Welcome” every 3 seconds ,(Repeat the same by implementing Runnable)				
7	Write a JAVA program for creation of User Defined Exception				
8	Write a java program that import and use the defined your package in the previous Problem				
9	Write a java program to paint like paint brush in applet				
10	Write a program to draw a form using GUI components to accept details from a customer for a bank.				
11	Write a program using a graphics method to draw an object ; provide direction buttons and move the object in the direction specified by the user through the button.				
12	Write a program Event handling by anonymous class				

CERTIFICATE

This is to certify that Mr. /Miss. ***Vaishnavi Anna Patil*** PRN ***2241066*** of T. Y. B. Tech. ***(Computer Engineering)*** has satisfactorily completed the experiments/work/ assignments specified for Internal Continuous Assessment of ***Application Programming Lab(CO310U)*** as specified in the syllabus of this Institute for the academic year 2024-25

Date: / /2024

Course Teacher

Course Coordinator

HOD

Principal