

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 JAVA program to display default values of all primitive data types of JAVA				
2	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 a each racer and print back the speed of qualifying racers				
3	Write a java program to search for an element in a given list of elements using binary search mechanism				
4	Write a java program to sort for an element in a given list of elements using bubble sort				
5	Write a java program to implement a class mechanism. – Create a class, methods and invoke them inside the main method				
6	Write a java program to implement constructor overloading				
7	Write a java program implement method overloading				

8	Write a java program for abstract class to find areas of different shape				
9	Write a java program to give examples for “super” keywords.				
10	Write a java program to implement Interface.				
11	Write a program for the implementation of Multiple inheritance using interfaces to calculate the area of a rectangle and triangle				
12	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				
13	Write a Java program that checks whether a given string is a palindrome or not				
14	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				
15	Write a java program that import and use the defined your package in the previous Problem				
16	Write a program to draw a form using GUI components to accept details from a customer for a bank.				
17	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				
18	Write a JAVA program to draw smiley face using Panel.				

CERTIFICATE

This is to certify that Mr. /Miss. _____ PRN _____ 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: / /2025

Course Teacher

Course coordinator

HOD

Principal

