

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

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Year and Program: T.Y. B. Tech.(Computer.)

Academic Year: 2022-23

Sem-V

Course Code and Course Name: CO309U SOFTWARE LAB-II

**INDEX**

Sr. No.	Title of Experiment	Date of Performance	Date of Completion	Page No.	Sign of Teacher
1	Write a Program to check and print whether a given number is even or odd. a. Write a program to compute net amount from the given quantity purchased and rate per quantity. Discount @10% is allowed if the quantity purchased exceeds 100.				
2	Write a program to find the largest among three numbers using ternary operators. a. Write a program to print the sum of digits of a given number. (using while loop) b. Write a program to print Fibonacci series up to a given number.				
3	Write a program to enter numbers till the user wants. At the end it should display the count of positive, negative and zeros entered. (Using do-while loop)				
4	Write a Menu-Driven program to implement a calculator which performs only addition, subtraction, multiplication and division. The operation should happen based on the user choice. (use switch case)				
5	Write a function to swap two string values using call by value and call by references.				
6	Write a program that will accept an array of integers as input, and output an array where for each item in the source array, the new array will perform the following operations: a. For even numbers divide by 2 b. For odd numbers multiply by 3				
7	Write a program that creates a file and writes contents to it and displays it. Then append some data to it.				
8	Create a login form with two text fields called “login” and “password”. When a user enters “Galgotias” as a user name and “university” as a password it should be redirected to a Welcome.HTML page or to Sorry.HTML in case of wrong username/password.				
9	Write a PHP program using Java Script to convert the decimal number to its binary equivalent. You must use a form to accept the number from the user.				
10	Write a PHP code that defines the class Student with attributes RollNo, Name, Branch, and Year, create 3 instances of it, sets the values of each instance appropriately and print the values of all attributes.				

### **CERTIFICATE**

This is to certify that Mr. /Miss\_\_\_\_\_PRN\_\_\_\_\_Batch\_\_\_\_\_ of **T. Y.B.Tech.(Computer Engineering)** has satisfactorily completed the experiments/work/ assignments specified for Internal Continuous Assessment of **CO309U Software Lab-II** as specified in syllabus of this Institute for the academic year 2023-24.

**Course Teacher**  
**Ms. Nikita Mandhan**

**Course Coordinator**  
**Prof.T.K.Gawali**

**HoD**

**Principal**