

GOVERNMENT ENGINEERING COLLEGE, BHUJ

Electrical Engg. Department

Subject: Programming For Problem Solving (BE01000121)

B.E. Semester:1

Self Learning Component

Programming -1 CO-3)

A.Y.:Odd -2025

Course Outcome-3:

Develop simple programs using appropriate data structures and standard libraries

Date of Issue: 24/11/2025

Date of Submission: 09/12/2025

1	Write a program to swap number using functions.	CO3
2	Write a program to print fibonacci series using functions.	
3	Construct a C program to add 3X3 matrix.	
4	Write a program to store 10 elements in array given by user and to find maximum out of those 10 elements.	
5	Write a C program to sort an array in ascending order.	
6	Write a program to check whether entered number is prime or not with the help of user-defined function check-prime ().	

Instruction:

- 1) Write assignment in Good Quality FILE pages.
- 2) Write your Enrollment No. and Name at the front page of your assignment.
- 3) Submit Written assignment on above mentioned date.

Rubric for Assessment:

Criteria	Excellent(2 marks)	Good(1.5 marks)	Satisfactory(1 mark)	Needs Improvement (0.5 mark)	Unacceptable(0 marks)
Programming Skill	Efficient, logical, error-free codes	Mostly correct with minor logic issues	Functional but flawed (incomplete steps)	Major errors in logic/structure	No attempt or incorrect approach
Code Quality	Excellent structure, proper indentation, meaningful variable names, good comments	Readable code with minor style issues, some comments missing	Basic structure but inconsistent formatting, few comments	Poor structure, hard to follow, no comments	Unreadable code
Ethics	Original work with proper attribution and outputs; submitted on time	Mostly original with minor paraphrasing; slightly late	Some copied content with modifications; late submission	Plagiarized sections; ignored guidelines	Fully plagiarized or not submitted or submission done at time of final submission