

FACULTY OF COMMERCE, OSMANIA UNIVERSITY**B.Com (CBCS) III – Semester (Computer/ Computer Applications)
Lab - Practical Question Bank**

PROGRAMMING WITH C – Practical Question Bank

Time: 60 Minutes

Record : 10
Skill Test : 15
Total Marks : 25

1. Write a C program to find the sum of first 10 even numbers.
2. Write a C program to check whether a given string is a Palindrome or not.
3. Write a C program to convert temperature from degree Centigrade to Fahrenheit.
4. Write a C program to display the factorial of a given number using for loop.
5. Write a C program to display days of a week using switch-case.
6. Write a C program to print all upper case and lower case alphabets.
7. Write a C program to display Fibonacci series.
8. Write a C program to add two dimensional matrices.
9. Write a C program to search for a given element in an array using Linear search.
10. Write a C program to find the sum of digits of a given number.
11. Write a C program to find the average marks obtained by a student taking any 3 subject marks as input.
12. Write a C program to find the largest element in a given array of elements.
13. Write a C program to reverse a given number.
14. Write a C program to check whether a given year is a Leap year or not.
15. Write a C program to find the square of a number using a user-defined function.
16. Write a C program to check whether a number is even or odd using switch-case.
17. Write a C program to check whether the given number is a Perfect number or not.
18. Write a C program to display the Factorial of a given number using while loop.
19. Write a C program to check whether the given number is Armstrong or not.
20. Write a C program to check whether a number is Prime or not.
21. Write a C program to find Factorial of a given number using recursion.
22. Write a C program to concatenate two strings using string functions.

23. Write a C program to demonstrate any 5 mathematical functions.
24. Write a C program to swap two numbers using call-by-reference method.
25. Write a C program to display first n natural numbers.
26. Write a C program to add two numbers using pointers.
27. Write a C program to display Prime numbers from 1 to n.
28. Write a C program to find the GCD of two numbers.
29. Write a C program to count the number of vowels in a given string.
30. Write a C program to reverse a given string using recursion.
31. Write a C program to check whether two strings are equal or not using string functions.
32. Write a C program to multiply two dimensional matrices
33. Write a C program to find the biggest of 3 given numbers.
34. Write a C program to display the length and reverse of a string using string functions.
35. Write a C program to display whether a number is even or odd using conditional operator.
36. Write a C program to find the sum and average marks of 10 students stored in an array.
37. Write a C program to accept and display the details of an employee using structures.
38. Write a C program to search for a given element in an array using binary search.
39. Write a C program to find the area and circumference of a circle.
40. Write a C program to display length of a string using pointers.
41. Write a C program to find the transpose of a given matrix.
42. Write a C program to find the sum of the series $1^2 + 2^2 + 3^2 + \dots + n^2$
43. Write a C program to display elements in a given array using pointers.
44. Write a C program to generate the multiplication table of a given number.
45. Write a C program to find the roots of a quadratic equation.
46. Write a C program to find the number of characters, words, and lines in a given text.
47. Write a C program to check whether a given triangle is equilateral or isosceles or scalene.
48. Write a C program to calculate Simple and Compound interest.
49. Write a C program to swap two numbers without using a third variable.
50. Write a C program to find the largest of 2 numbers using a user-defined function.