FACULTY OF COMMERCE, OSMANIA UNIVERSITY

B.Com (CBCS) III – Semester (Computer/ Computer Applications) Lab - Practical Question Bank

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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 usingLinear 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.