Lab Report-6

1. Write a C program to find the Least Common Multiple(LCM) of two numbers.
2. Write a C program to find the Greatest Common Divisor(GCD) of two numbers.
3. Write a C program to check whether a number is prime or not.
4. Write a C program to find the factorial of a number.
5. Write a C program to print Fibonacci Series at n-th term.
6. Write a C program that will read an integer number will do-
7. Count of digits.
8. Sum of digits.
9. Reverse the number.
10. Check the number palindrome or not.
11. Write a C program to print the sum of the following series- 1+2+4+7+11+16+…+n
12. Write a C program to print the sum of the following series- 1+1/2+1/3+1/4+1/5+…+1/n
13. Write a C program to print the sum of the following series- 1+11+111+1111+11111…+n

Lab Report-7

1. Write a C program to assign random numbers into an array.[ Hint : rand() ]
2. Write a C program to calculate the sum of an array elements.
3. Write a C program to calculate the sum of all prime numbers in an array of integers.
4. Write a C program to calculate the Evensum and Oddsum of all elements in an array of integers.
5. Write a C program to search an element from an array.
6. Write a C program to find MAX/MIN element in an array
7. Write a C program to sort elements of an array in…
8. Ascending order
9. Descending Order
10. Write a C program to find the second MAX/MIN element in an array.
11. Write a C program to add two 2-D matrix of size m\*n and display their summation.
12. Write a C program that takes a string as input, calculates the length of the string, and counts the number of uppercase letters, lowercase letters, and digits in that string.
13. Write a C program that takes a string and a character as input, then counts how many times that character appears in the string, ignoring case.