1. Write a C program to check whether a number N can be expressed as sum of two prime numbers.

Hints: write a prime(n) function to check the number n is prime or not?

Sample I/O: 34=3+31

1. Write a C program to calculate the GCD of two numbers using recursive function GCD(m,n).

Sample I/O: 24,36

Result=12

1. Write a C program to remove all characters in a input string except alphabet.

Sample I/O: @Ai8Ub#. Cs

AiUbCs

1. Write a C program to multiply two matrices by passing matrix to a function.
2. Write a C program to find maximum and minimum number of an array of n elements using function MAX and MIN and then find out the difference between max and min number is even or odd.

Sample I/O: a[]={2,6,1,9,20}

Max=20, Min=1

Max-Min=19, odd