**C HOMEWORKS - 1**

1. Write a C program to prove that Euclid’s algorithm computes the greatest common divisor of two positive given integers.
2. Write a C program that will accept an integer and convert it into a binary representation.
3. Write a C program to divide the two given integers using subtraction operator.
4. Write a C program to multiply two given integers without using the multiply operator(\*).
5. Write a C program to accept a positive number and repeatedly add all its digits until the result has only one digit.
6. Write a C program to add two binary numbers.
7. Write a C program to convert a binary number to decimal number.
8. Write a C program that, vhen you read an integer wih 5 digit, displat the middle digit. Example: If readed int is 74563 display 5.
9. Write a C program that accepts an integer (n) and computes the value of n+nn+nnn
10. Write a C program to print numbers between 1 to 100 which are divisible by 3, 5 and by both.
11. Write a C program to compute the sum of the first 100 prime numbers.
12. Write a C program to count the number of days from the beginning of a year when a data is given fort he same year.
13. Write a C program top print the average of prime numbers between given two integers.
14. Write a C program to reverse an integer number. Example: If given int is 257 display 752
15. Write a C program to count the number of prime numbers less than a given positive number.
16. Write a C program to count the number of days from the beginning of a year when a data is given fort he same year. Example: If given date is 25.7.2020, next day is 26.7.2020. You can assume that all months are 30 days.