



lab (1)

1. Write a program in C++ to find the factorial of a number.
2. Write a program in C++ to find the sum of digits of a given number.
Input a number: 1234
3. Write a program in C++ to find the Greatest Common Divisor (GCD) of two numbers.
Input the first number: 25
Input the second number: 15
4. Write a C++ program that prompts the user to input a letter (upper or lower case) and determines if that letter is a vowel or consonant.
5. Write a program in C++ to display the cube of the number upto given an integer.
Input the number of terms : 5
Number is : 1 and the cube of 1 is: 1
Number is : 2 and the cube of 2 is: 8
Number is : 3 and the cube of 3 is: 27
Number is : 4 and the cube of 4 is: 64
Number is : 5 and the cube of 5 is: 125
6. Write a C++ program to enter the grade of a student and display (excellent, very good, you passed, invalid entry)
7. Write a program in C++ to find the number and sum of all integer between 100 and 200 which are divisible by 9.
8. Write a program in C++ to make such a pattern like right angle triangle using number which will repeat the number for that row.

Input number of rows: 5

1
22
333
4444
55555