

C/ C++ Assignments-3

1. Two numbers are entered through the keyboard. Write a program to find the value of one number raised to the power of another.
2. Write a program to print all the ASCII values and their equivalent characters using while loop. The ASCII values vary from 0 to 255.
3. Write a program to enter the numbers till the user wants and at the end it should display the count of positive, negative and zeros entered.
4. Write a program to print all prime numbers from 1 to 300.
5. Write a program to add first seven terms of the following series:
 $1/1! + 2/2! + 3/3! + 4/4! + 5/5! + \dots$
6. Write a program which to find the grace marks for a student using switch. The user should enter the class obtained by the student and the number of subjects he has failed in.
 - If the student gets first class and the number of subjects he failed in is greater than 3, then he does not get any grace. If the number of subjects he failed in is less than or equal to 3 then the grace is of 5 marks per subject.
 - If the student gets second class and the number of subjects he failed in is greater than 2, then he does not get any grace. If the number of subjects he failed in is less than or equal to 2 then the grace is of 4 marks per subjects.
 - If the students get third class and the number of subjects he failed in is greater than 1, then he does not get any grace. If the number of subjects he failed in is equal to 1 then the grace is of 5 marks per subjects.