

Assignment: Principle of Programming Languages

B.Tech(CSE) I Semester

Date: 09-Dec-2021

Q.1 Explain ternary operator with suitable example in C and what are special operators, explain with their use in C programming?

Q.2 Write a program to generate all combinations of 1, 2 and 3 using **for** loop.

Q.3 Write a program that will take input of five names and sort them in alphabetical order? Now take input from the user to search the entered name by the user. If name exist then program will display output as “**Name found, Name is : _____**” otherwise it will display “**Sorry! Name : _____ does not exist**”

Q.4 Define structure data type **stud_struct** containing three members **char *name**, **int enroll**, **double sapid**. Develop a program that will input record of five students and display them as output.

Q.5 A positive integer is entered through the keyboard, write a function to find the binary equivalent of this number using recursion.

Q.6 Write a program in C language that will read the data through keyboard (input by the user), the data will be written into a file IBM, now read the same data from the file IBM and display it on the terminal's screen.