

Shree Swaminarayan College Of Computer Science
Sardarnagar, Bhavnagar-364001

1	Write a C++ program to create array of 10 elements. Create user define function to sort the array using bubble sort method.
2	Write a C++ program to create array of 10 elements. Create user define function to sort the array using Shell Sort method.
3	Write a C++ program to create array of 10 elements. Create user define function to sort the array using selection sort method.
4	Write a C++ program to perform multiplication of two 3X3 matrix. Create user define function for multiplication of two matrix.
5	Write a C++ Program to perform addition of two 3X3 matrix. Create user define function for addition of two matrix.
6	Write a c++ program to perform searching of an elements from an array of 10 elements using linear search method. Create user define function to search and elements.
7	Write a c++ program to perform searching of an elements from an array of 10 elements using Binary search method. Create user define function to search and elements (User Recursion Technique).
8	Write a C++ program to contact two string using user define function strcmp().
9	Write a C++ program to calculate the area of circle and cylinder. (Use function overloading technique)
10	Write a C++ program to calculate the simple interest , create user define function si() , consider the rate of interest as default argument , rate of interest is 10%.
11	Write a C++ program to print the Fibonacci series using recursion technique.
12	Write a C++ program to find a given text pattern is exists in a text of line or not. Create separate function to search text pattern if patter is exist than return 1 otherwise return 0.
13	Write a C++ program to calculate the number of characters , number of word and number of white space in a given text of line. Create user define function to do that.
14	Write a C++ program to find out the substring of a given position , user should input the starting position and number of characters, crate user define function substr(), define second arguments as a default argument , if number of characters is not specified , consider all remaining characters from given passion.
15	Write a C++ program to delete a specific characters from a given string. Create user define function delete. Pass appropriate information as function arguments.
16	Write a C++ program to convert given text into lower case, upper case and toggle case, define separate function for each task.
17	Write a C++ program to enter name of 4 characters , and display all possible combination of text by changing position of characters in a text.
18	Write a C++ program to calculate the factorial of given number using recursion technique.
19	Write a C++ program to calculate the standard deviation S for given array of 10 elements. Create appropriate user define function.
20	Write a C++ program to transpose the 3 X 3 matrix.