

**Shree Swaminarayan College of Computer Science
Sardarnagar, Bhavnagar**

202- Object Oriented Programing With C++ (Assignment-1)

1	Write a C++ program to swap the value of two variable without using third variable.
2	Write a C++ program to print the first N number of Fibonacci series.
3	Write a C++ program to print the factorial of given number.
4	Write a C++ program to enter 10 integer number and print the sum of it.
5	Write a C++ program to enter 10 integer number and print the maximum and minimum number
6	Write C++ program to enter your name and print it in reverse.
7	Write a C++ program to enter your name in lower case and print it in upper case.
8	Write a C++ program to enter 10 real number and find out the average of given numbers.
9	Write a C++ program to enter 10 integer number and sort it in ascending order.
10	Square of 12 is 144. 21 which is the reverse 12 has its square 441. which is same as 144 reversed. There are few numbers which have this property write a C++ program code to find out whether any more such number exist in the range 10 to 100.
11	Write a C++ Program to display automorphic numbers between 1..N. Automorphic numbers are those numbers whose square ends with the number itself : e.g 5 because square(5) = 25 is end with 5. 25 because square(25) = 625 is end with 25. 6
12	For all positive integers I, J, K & L from 1 to 10, find and print all possible combination of I, J, K & L such that I+J+K = L and I < J < K < L.
13	Write a C++ program to perform the addition of two 3 X 3 matrix.
14	Write a C++ program to perform the multiplication of two 3 X 3 matrix
15	Write a C++ program to enter the value to of 3 X 3 matrix and print the row total a column total for given matrix.
16	Write a C++ program to display following character string for given starting and ending value. I/P: B – F O/P: BCDEF I/P: Y – C O/P: YZABC
17	Write a C++ program to copy the content of one string to another string without using strepy() function.
18	Write a C++ program to combined two string with out using strcat() function.
19	Write a C++ e menu driven program to perform addition, subtraction, multiplication and division of two integer numbers. Menu should be continuously display on screen. If user select exit option then come out from the program.
20	Write a C++ program to find out the maximum digit from given integer number. e.g. 456 Output = 6