Subject: OOAD USING C++ & JAVA
Dept.-BSC/CS   Sem-3rd
C++ Lab Assignment

	C++ Program List
1.	Write a C++ Program To Find Sum of Even Positive / Even Negative / Odd Positive / Odd Negative of An Array.
2.	Write a C++ Program to implement Linear Search.
3.	Write a C++ Program to Print Maximum Occurring Character in a String.
4.	Write a C++ Program to design a class having static member function named showcount() which has the property of displaying the number of objects created of the class.
5.	Write a C++ Program which creates & uses array of object of a class (for eg. implementing the list of Managers of a Company having details such as Name, Age, etc...).
6.	Write a C++ Program to find Maximum out of Two Numbers using friend function. [Note: Here one number is a member of one class and the other number is member of some other class.]
7.	Write a C++ program to demonstrate the execution of constructor and destructor.
8.	Write a C++ Program using copy constructor to copy data of an object to another object.
9.	Write a C++ program to implement Shallow Copy and deep copy.
10.	Write a C++ Program to implement Method Overloading.
11.	Write a C++ Program to design a student class representing student roll no. and a test class (derived class of student) representing the scores of the student in various subjects and sports class representing the score in sports. The sports and test class should be inherited by a result class having the functionality to add the scores and display the final result for a student.
12.	Write a C++ program illustrating the use of virtual functions in class.
13.	Write a C++ program illustrating the use of Abstract class & Pure virtual functions in class.
14.	Write a C++ program to implement the exception handling with multiple catch statements.
15.	Write a C++ program to implement the exception handling with re throwing in exception.