

Assignment CP-II

1. Write a C++ program to create a class named “COVID” having 10 people’s details of Fever, Cough, and Breathlessness. If a person having two or more symptoms then display him/her as Covid suspect.
2. Write a C++ program using class to process Shopping List for a Departmental Store. The list include details such as the Code No and Price of each item and perform the operations like Adding, Deleting Items to the list and Printing the Total value of a Order.
3. Write a C++ program which creates & uses *array of object of a class* (for e.g. implementing the list of Managers of a Company having details such as Name, Age, etc..).
4. 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.)
5. Write a C++ program using copy constructor to copy data of an object to another object.
6. Write a C++ program to design a class representing complex numbers and having the functionality of performing addition & multiplication of two complex numbers using operator overloading.
7. Write a C++ program to show conversion from string to int and vice-versa.
8. Write a C++ program to overload new/delete operators in a class.
9. Write a program in C++ to highlight the difference between overloaded assignment operator and copy constructor.
10. Write a C++ program to allocate memory dynamically for an object of a given class using class’s constructor.