

Subject: OOP Lab

Assignment: 3

Last Date: 02/7/2021

Write program in C++ and output in A4 size page by handwritten.

Write each page Name , Roll number and Signature. Scan copy send to the mail (Subject: Assignment : 3 Name and Roll number).

1. Create a class distance with foot and inch. Now add and subtract between two objects of distance type
 - i) using objects as function argument,
 - ii) returning object from function
2. Create a class complex as above. Now add, subtract and multiply on two objects of complex type
 - i) using objects as function argument,
 - ii) returning object from function.
3. Create a class complex with real and imaginary part (integer). Implement default, parameterized and copy constructor to initialize the objects of complex class and display them.
4. Create a student class with data members as roll, name and marks with respective data types as int, chars and float. Now create n objects of student type and insert data into those objects. Display the student information who got the highest mark.