Subject: OOP Lab

Assignment: 2

Last Date: 22 June 2021

Write program in C++ and output in A4 size page by handwritten. <u>Write each page Name , Roll number and Signature.</u> Scan copy send to the mail (Subject: Assignmen2 Name and Roll number).

i) Create a class Distance with foot and inch. Getinput from keyboard and Display the data.

ii) Write inline function for cube of a number

iii) Write function Area for calculating area of Cicle, Square, Rectagle, Trangle using Function Overloading.

iv) Create Employee(Emp_Name, Id) class, create Manager Object 2(two), Scientist Object 1(one) and Labour Object 15(Fifteen). Write Member function Getdata and PrintData.

v) Create Complex Class with Real and Imaginary Data member. Display sum of 2 complex numbers.

vi) Create Time Class with Hour Minute and Second Data Member . Perform addition of 2 Times and store in another Class.

vii) Find the Smallest Marks among 3 classes DCST, DME, DEE. (Marks data member in said classes)