

Data Structures LAB 01 – BITF24M

In drive D: or some other suitable drive create a folder dsalab01 and change folder to that so that the prompt should be like **D:\rollno\dsalab01>**.

Make sure that command g++ is recognized at the computer you have, also check the Notepad++.

To create or edit abc.cpp, use command: **D:\rollno\dsalab01>start notepad++ abc.cpp**

To compile abc.cpp, use command: **D:\rollno\dsalab01>g++ abc.cpp -o abc.exe**

To run binary of abc.cpp, the abc.exe, use command: **D:\rollno\dsalab01>abc.exe**

You may use any available IDE to complete the tasks.

Tasks set 01 (10 mark for each)

For provided files task1 to task5, read the code in them carefully and complete as asked in the comments.

Tasks set 02 (20 mark for each)

For provided file task6, read the code in it carefully and convert the **struct type point** to a CPP class. And manage the main function accordingly, if required. Also, focus on comments in the code.

Tasks set 03 (20 mark for each)

Again, for provided file tasks7, read the code in it carefully and convert if needed the **type Polynomial** to a CPP class. Understand the provided code of the showPolynomial functions and write definitions of the other two declared functions and test them through main function.

Thank you for your patience