Digital signal processing

Implement a program to calculate N-points discrete Fourier.

Requirements:

1- Calculate N-points DFT.

2- Calculate both phase and magnitude.

3- Use c/c++ only for this program.

4- Implement your own complex numbers class, don't use complex library.

Notes:

1- Bonus grades for delivering the program before 12/11/2018.

2- The task is submitted by a group but the evaluation is individual.

3- The deadline of the task is on 17/11/2017.

4- Send mail with team names and the code

To: **studentsassignments105@gmail.com**

subject: 3rd_DSP_DFT