Digital signal processing

Implement a program to calculate N-points discrete Fourier transform using Radix-2 DIT FFT algorithm .

Requirements:

1- Calculate N-points DFT.

2- Calculate both phase and magnitude.

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

4- N (number of points and samples) will be powers of 2 (2 , 4 , 8 , 16 , 32 ..).

Notes:

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

2- The deadline of the task is on 12/12/2018.

3- Send mail with team names and the code

To: **studentsassignments105@gmail.com**

subject: 3rd_DSP_FFT