More on DC

You need to be alert to (usually minor) changes that may be made to the assignment statement or to the guidelines after the assignment is first put up. Refresh this frame and re-read the assignment carefully before you make your final submission.

Assignment statement

1. Given a $n \times n$ board where n is a power of 2 with minimum value as 2, with one missing cell (of size 1×1) at a known location, fill the board using L shaped tiles. An L shaped tile is a 2×2 square with one cell (of size 1×1) missing
2. Write an efficient program which takes as input the co-ordinates of n points and reports back the pair which is closest to each other.

Submissibles

1. C-program, including peripheral routines for both assignments
2. A report outlining the formulation of the mechanism to achieve both the solutions. The report should be written in latex. You should ensure that it compiles properly and generates a presentable PDF. However, only the .tex file needs be submitted. A sample tex file is also made available. That should be compiled with the command `pdflatex rep.tex` or just `pdflatex rep`.

Marking Guidelines

Assignment marking is to be done only **after** the deadline expires, as submissions gets blocked after the assignment is marked.

Programming the Divide and Conquer methods	**10 + 10**
General working	**5 + 5**
Report as per assignment statement	**5 + 5**
Total Marks	***40***

Assignment submission

Use electronic submission via the WBCM link

You should keep submitting your incomplete assignment from time to time after making some progress, as you can submit any number of times before the deadline expires.

Warning

Cases of copying will be dealt with seriously and severely, with recommendation to the Dean to de-register the student from the course.