

IDAA432C Assignment-1 (Group: 41)

Neil Syiemlieh
IIT2016125

Kiran Velumuri
ITM2016009

Tauhid Alam
BIM2015003

Aditya Vallabh
IIT2016517

Abstract—

Question number: 11

Question:

Take a 10 x 10 matrix (n x n in general) filled with random integer numbers. Trace the longest sorted partition:-
a. in each column of the matrix
b. Trace the longest sorted child of the matrix.

I. INTRODUCTION AND LITERATURE SURVEY

In section 1, you have to state your understanding regarding the problem and the summary of the related study that you have done to solve the problem.

II. ALGORITHM DESIGN

Section 2 should describe your designed/developed algorithm in detail.

III. ANALYSIS

In section 3, or, in section 3 and 5 you have to provide the details of the time complexity analysis (best case, average case, worst case etc.) and other relevant analysis related to your algorithm.

IV. EXPERIMENTAL STUDY

The experimentation setup that you have used to obtain your results/graphs should be clearly described in section 4. Also, explanations for your results or graphs should also be provided in the same section.

V. DISCUSSION

However the Analysis and the Discussion sections could also be combined together. The report must not exceed max. 4 pages in IEEE format.

VI. CONCLUSION

Finally you can place your concluding remarks in the last section.

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