

Tutorial 1

Your name (and roll number)

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1 Problem Statement

$A[1..m]$ and $B[1..n]$ are two 1D arrays containing m and n integers respectively, where $m \leq n$. We need to construct a sub-array $C[1..m]$ of B such that $\sum_{i=1}^m |A[i] - C[i]|$ is minimized.

2 Recurrences

Text

3 Algorithm

Text

4 Demonstration

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5 Time and space complexities

Text