

Name:	Date:	Period:
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## Lab12: Segmented Prefix-Sum

- Implement the nearest-one algorithm, page 22.
- Technique is similar but not prescribed.
- Two different approaches. Describe yours.

- Then...
  - Segmented prefix-sum, puts it all together.
  - Attach a code printout.
  - Example:

Data	5	3	1	2	3	4	4	1
Bits	0	1	0	0	1	0	0	0
Result	0	3	4	6	3	7	11	12

- Special case:

Data	5	3	1	2	3	4	4	1
Bits	1	0	0	0	0	0	0	0
Result	5	8	9	11	14	18	22	23

### Official Use Only

Header:	Name	Correct Date	Program Description
Style:	Comments	Variable Names	Modular
Data Structures:	Obvious	General	Lean
Algorithm:	Clear	Correct	Efficient
Scoring:	Raw _____	Late _____	Total _____