

| | | |
|--------------|--------------|----------------|
| Name: | Date: | Period: |
|--------------|--------------|----------------|

Lab11: Compaction

- Download the example summation code.
- Compile and run, make sure the simulator is functioning properly.
- Implement the prefix-sum algorithm as described on pages 19-21.
- Once working, modify for prefix-min, note no inverse operation.
- Then...
 - Compaction, see picture on page 22, uses prefix-sum.
 - Attach a code printout.
 - Describe your algorithm, including Big-Oh for Time and Work.

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 _____ |