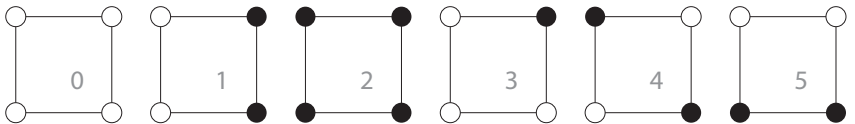


Original Cells



Output Cell Count

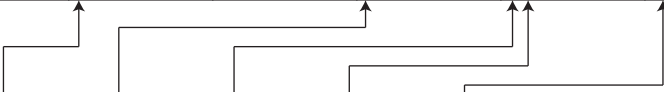
Map Classification Function

0	1	0	1	2	1
---	---	---	---	---	---

Output Array Location

Inclusive Prefix Sum of Cell Count

0	1	1	2	4	5
---	---	---	---	---	---



Output Indices

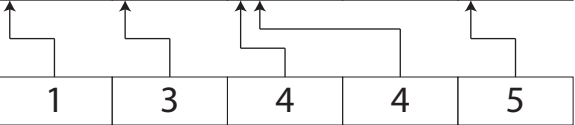
Implicit Counting Array

0	1	2	3	4
---	---	---	---	---

Input Array Location

Find Output Index in Location Array

1	3	4	4	5
---	---	---	---	---



Group Start Location

Find Input Location in Itself

0	1	2	2	4
---	---	---	---	---

Visit Index

Subtract group start from index

0	0	0	1	0
---	---	---	---	---

(1,0) (3,0) (4,0) (4,1) (5,0)

Write New Cells

Gather based on location and visit

