

~~Example~~: Assume carries look like this

carries 

4	5	3	2	...
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scan-kernel-2

carries 

0	<del>4</del>	4+5	4+5+3	...
---	--------------	-----	-------	-----

Now add to results in Y  $\rightarrow$  scan-kernel-3

Y 

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

 : 

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

 : 

1	3	4	6
---	---	---	---

 ...

"Y+carries": 

↓ +0
------

↓ +4
------

↓ +4+5
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$\hookrightarrow$  Y:

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

 : 

5	6	8	9
---	---	---	---

 : 

10	12	13	15
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