

plan	0	1	2
$a_0$	(0,0)	(1,0)	(2,0)
$a_1$	(0,0)	(1,0)	(2,0)

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**Algorithm 2** An algorithm with caption

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**while**  $N \neq 0$  **do**
$$N \leftarrow N - 1$$
$$N \leftarrow N - 1$$
$$N \leftarrow N - 1$$
$$N \leftarrow N - 1$$
$$N \leftarrow N - 1$$
$$N \leftarrow N - 1$$
$$N \leftarrow N - 1$$
**end while**