

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

Algorithm 1 An algorithm with caption

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