Optimized:

Time complexity: O(n); Space complexity: O(n)...because of the hash map

	The same of the sa
J	Given a birary array nums, return the maximum length of a contiguous subarray with an equal number of 0 2 1.
	$\frac{19 \text{ nums } [] = (0,1)^{6}; \text{ nums}[] = (1,1,0,1,0,1)^{6}}{0/1:2}$
Drag	$\frac{0/l:2}{0/l:4}$ $\frac{0/l:4}{0.1}$ $\frac{1}{0.000}$ $\frac{1}{0.0000}$ $\frac{1}{0.0000}$ $\frac{1}{0.0000}$ $\frac{1}{0.0000}$ $\frac{1}{0.0000}$ $\frac{1}{0.0000}$ $\frac{1}{0.00000}$ $\frac{1}{0.00000}$ $\frac{1}{0.00000}$ $\frac{1}{0.00000}$ $\frac{1}{0.000000}$ $\frac{1}{0.0000000}$ $\frac{1}{0.0000000000000000000000000000000000$
	[=1] (i=0 count=1; map=) 0 [-1]
Logie	Translation 1 4 har waited
	int count =0; Increament it by 1 marchen=marc (0, 2-0) when I occurs & decreament the
	prev. Val. of sount by -1 if o occurs (V) sount = 0 in the nums varage while traversing max-len=max(2, 3 - (-1))
	Store the unique Values of count i-4 as keys in hash map along with (Rount = 1 mark len = mark (4, 4 - 0) = 4 If the index where it first
	from it's initial induc (when count val. 1st occurred) to this
	no. of 0's b 1's. Before traversing, we inserted <0,-1> in the map so that
	whenever count becomes o , we know that from o to index to that index, is a subarray with equal no. of o's 21"s.
Coole	int man-len=0; int vount=0; un-ordered-mosp Lint, int>m; m[0] = -1; //when the regd-subarray //chount, indem> los (inti=0')
	L count = count + (nums == 0? -1, 1);
	else mand-lin - men (mond-lin, i - m, at (count)); n [rount] = i; 3