Algorithm 1 LinearSearch(A,v)	cost	times	
1: $\mathbf{for} \ i = 1 \ to \ A.length \ \mathbf{do}$	c_1	(n+1)	
2: if $A[i] == v$ then	c_2	n	
3: return i	c_3	0	
4: end if			
5: end for			
6: return NIL	c_3	1	