























CCL - SECOND IMPLEMENTATION		
Init and Insert		
1	<pre>void List Init(list_t *L) {</pre>	
2	L->head = NULL;	
3	pthread mutex init(&L->lock, NULL);	
4		
5		
6	<pre>void List_Insert(list_t *L, int key) {</pre>	
7	// synchronization not needed	
8	<pre>node_t *new = malloc(sizeof(node_t));</pre>	
9	if (new == NULL) {	
10	perror("malloc");	
12	return;	
12	} new->key = key;	
14	new-skey - key;	
15	// just lock critical section	
16	pthread mutex lock(&L->lock);	
17	new->next = L->head;	
18	L->head = new;	
19	pthread mutex unlock(&L->lock);	
20	}	
21		

















