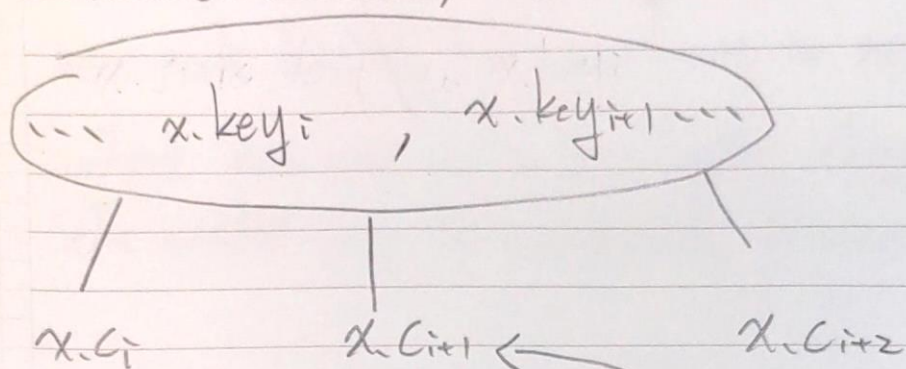


Refs: None

2. No.

Before  $i = i+1$ , it looks like



$k$  should go here  $\because x.key_i \leq k < x.key_{i+1}$

It's off by one, therefore  $i = i+1$  is needed