

오른쪽

$$N=5$$

$$A = \{3, 5, 2, 7\}$$

$$NGE(1) = 5$$

$$NGE(2) = 7$$

$$NGE(3) = 7$$

$$NGE(4) = -1 \rightarrow \text{없으면 } -1$$

큰 값을 오른쪽에 있는 첫 번째 원소

index stack 이해함.

stack

3
5
2
7

i $peek$

$$A(1) \quad A(0) \quad \text{비교} >$$

$$\Rightarrow A[i] > A[peek] \text{이면}$$

$$\Rightarrow NGE(0) = 5$$

$$NGE(peek) = A[i]$$

$$\Rightarrow pop() \rightarrow push(1)$$

$$pop()$$

$$push(i)$$

i $peek$

$$A(2) \quad A(1) \quad \text{비교} <$$

$$\Rightarrow push(2)$$

$$A(3) \quad A(2) \quad \text{비교} >$$

$$\Rightarrow NGE(2) = 7$$

$$\Rightarrow pop()$$

$$A(3) \quad A(1) \quad \text{비교} >$$

$$\Rightarrow NGE(1) = 7$$

$$\Rightarrow pop() \rightarrow push(3)$$

$$NGE(3) = -1$$