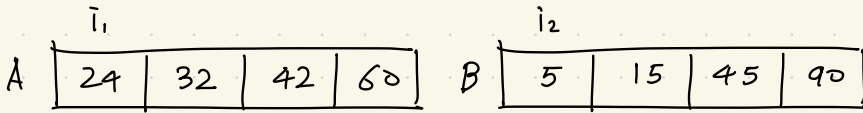


병합 정렬

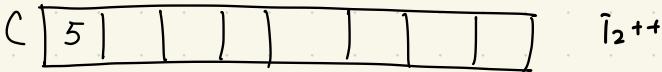
⇒ 분할 정복 방식

$A[i_1]$ 과 $B[i_2]$ 중 더 작은 값을 찾아 C에 저장

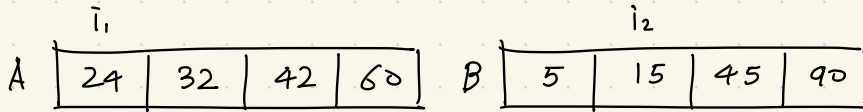


①

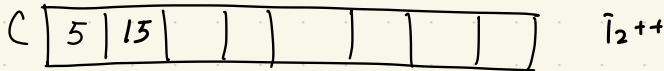
$$A[i_1] = 24 > B[i_2] = 5$$



②



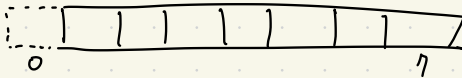
$$A[i_1] = 24 > B[i_2] = 15$$



⋮

중간 값 정하기

ex) 배열의 길이 $N = 7$



int start = 1

int end = 7

int mid = $4 = 1 + (7-1) / 2$

