

user  
selects  
index  
4  
and  
value  
999

**A**

Diagram illustrating the state of array A. A large black arrow points to the fourth row of the 2D grid. The grid contains the following values:

0	0
1	10
2	20
3	30
4	40
5	50
6	60
7	70

**B**

Diagram illustrating the state of array B after inserting the value 999 at index 4. A large black arrow points to the fourth row of the 2D grid. The grid contains the following values:

0	0
1	10
2	20
3	30
4	999
5	40
6	50
7	60
8	70

**Insert a value into an integer array**