

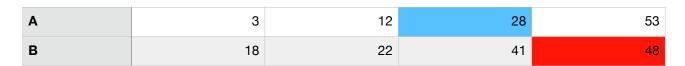
In the worst case scenario algorithm cannot find the given value. Searching 70 will give us the worst case scenario of the algorithm.

Α	3	12	28	53
В	18	22	41	48

3 + 48 = 51 which is less than 70, so increase the index of A.

A	3	12	28	53
В	18	22	41	48

12 + 48 = 60 which is less than 70, so increase the index of A.



28 + 48 = 76 which is greater than 70, so decrease the index of B.



28 + 41 = 69 which is less than 70, so increase the index of A.

A	3	12	28	53
В	18	22	41	48

53 + 41 = 94 which is greater than 70, so decrease the index of B.



53 + 22 = 75 which is greater than 70, so decrease the index of B.

A	3	12	28	53
В	18	22	41	48

53 + 18 = 71 which is greater than 70, so decrease the index of B.

While loop terminated because after the last decrease of B, loop index of B becomes -1 which is out of bounds.