



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

A	3	12	28	53
B	18	22	41	48

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

A	3	12	28	53
B	18	22	41	48

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

A	3	12	28	53
B	18	22	41	48

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

A	3	12	28	53
B	18	22	41	48

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

A	3	12	28	53
B	18	22	41	48

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

A	3	12	28	53
B	18	22	41	48

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

A	3	12	28	53
B	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.