

Programming (/courses/programming)

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Given an array 'A' of sorted integers and another non negative integer k, find if there exists 2 indices i and j such that $A[i] - A[j] = k$, $i \neq j$.

“ **Example: Input :** ”

A : [1 3 5]
k : 4

“ **Output :** YES as $5 - 1 = 4$ ”

Return 0 / 1 (0 for false, 1 for true) for this problem

Try doing this in less than linear space complexity.