

Question

Write a function named **hasReverseTwice** that accepts two arrays of integers **a1** and **a2** and their sizes as parameters and **returns 1** if a1 contains all the elements of a2 in reverse order at least twice (and 0 otherwise). For example, if a2 stores the elements {1, 2, 3} and a1 stores the elements {6, 3, 2, 1, 4, 1, 3, 2, 1, 5}, your method should return 1.

Then in the main program, read two arrays from the user (first their sizes). Then call the function passing the arrays and their sizes. Then print the result.

Assume that both arrays passed to your method will have a length of at least 1. This means that the shortest possible sequence will be of length 1, representing a single element (which is its own reverse). A sequence that is a palindrome (the same forwards as backwards) is considered its own reverse and should be included in your computations. For example, if a1 is {6, 1, 2, 1, 4, 1, 2, 1, 5} and a2 is {1, 2, 1}, your method should return 1.

Examples:

Input	Output
10 2 6 1 2 1 3 1 3 2 1 5 1 2	1
10 3 5 8 4 18 5 42 4 8 5 5 4 8 5	0
11 5 6 1 2 4 2 1 2 4 2 1 5 1 2 4 2 1	1

Important issues about all exams/projects/quizzes:

- Update just Question.c file, not Question.txt.
- Make changes only between the following comments(**DO NOT** modify these comments or anything outside the region marked by the comments):
 - // DO_NOT_EDIT_ANYTHING_ABOVE_THIS_LINE
 - // DO_NOT_EDIT_ANYTHING_BELOW_THIS_LINE
 - If you modify these comments for any reason, you can copy/paste the initial version from Question.txt into Question.c. Note that Question.txt is not graded at all, so anything you write in Question.txt will be discarded.
- To avoid getting the 'Binary Not Found' error, **SAVE** and **BUILD** your code before **RUN**.
- Do not add any extra messages message for input/output such as 'Enter an integer:', 'The result is:', etc. Any additional text that appears in the output will cause you to get no points from the question.
 - **Input and output of your program must be just like those in the Examples table above.**