

-----PROBLEM STATEMENTS ON JAVA ARRAYS-----

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1. Get a integer array as input. Find the average of the elements which are

in the position of prime index

input:{1,2,3,4,5,6,7,8,9,10}

logic:3+4+6+8(the indeces are prime numbers)

output:21

2.
Get two integer arrays as input. Find if there are common elements in the

arrays. find the number of common elements.

input1: {1,2,3,4}

input2: {3,4,5,6}

output: 4(3,4,3,4)

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3.
Input a int array. Square the elements in even position and cube the elements in odd position and add them as result.

input: {1,2,3,4}

output: $1^3 + 2^2 + 3^3 + 4^2$

4. Retrieve the odd-position digits from input integer array.
Multiply them with their index and return their sum.

5. arraylist1={ 1,2,3,4,5}

arraylist2={ 6,7,8,9,10}

size of both list should be same

output={6,2,8,4,10}
