

ADDING TWO ARRAYS (1 DIMENSIONAL)

Write a program which contains two arrays, A and B, in a data area. The corresponding elements of the two arrays are to be added together and squared then stored in a third array.

$$C = (A + B)^2$$

where $i = 1$ to 10

The three arrays are to be printed out in three adjacent columns; array A in the first column; B in the second and the result in the third. Each column should be have an appropriate heading.

Run the program with the following numbers:

A	B
7	8
12	3
8	9
4	21
0	86
6	14
19	2
3	1
22	6
1	4