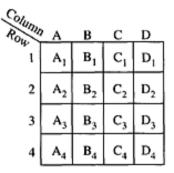19   An algorithm uses nested loops to fill a two-dimensional array with random numbers as shown. The array is filled by columns, starting at the top of each column and filling down.

Column Row	A	B	C	D
1	A_1	B_1	C_1	D_1
2	A_2	B_2	C_2	D_2
3	A_3	B_3	C_3	D_3
4	A_4	B_4	C_4	D_4

Which of the following is necessary to change the algorithm so that the array is filled by rows?

(A) Reverse the counters in the loop statement using 'down to'.

(B) Change the inner loop counter to count by rows and the outer loop counter to count by columns.

✓ (C) Change the inner loop counter to count by columns and the outer loop counter to count by rows.

(D) Swap the indexes in the assignment statement to (row, row) instead of (column, column).

Question 19 : % answers correct by band range