**Print the matrix in following format. For n\*m matrix.**

**Input matrix:**

1 2 3

3 4 6

7 8 9

**Output:**

1 2 4 6 9 8 7 3 4

**Input:**

1 2 3 4

5 6 7 8

9 10 11 12

**Output:**

1 2 3 4 8 12 11 10 9 5 6 7

**Input:**

1 2 3 4

5 6 7 8

9 10 11 12

13 14 15 16

**Output:**

1 2 3 4 8 12 16 15 14 13 9 5 6 7 11 10