Lists are US - 1

Take 2 sequences of space separated integers as input from the user and convert it into a list of integers. Extend the first list with all the items of the second list and print the output.

Ex:

Input 1:
1 2 3 4
11 434 1

Output 1:
1 2 3 4 11 434 1

Input 2:
1 2 3
8 7

Output 2:
1 2 3 8 7

Hint: Consider using the inbuilt extend() function of lists in python

Lists are US - 2

Accomplish the same task as **Lists are US - 1** but **without using** the built-in **extend()** function of the list data type in python.

Ex:

Input 1:
1 2 3 4
11 434 1

Output 1:
1 2 3 4 11 434 1

Input 2:
1 2 3
8 7

Output 2:
1 2 3 8 7