

1. Write a Python program to construct the following pattern, using a nested loop number.

Input:3

1

22

333

Input:9

1

22

333

4444

55555

666666

7777777

88888888

999999999

2. Write a Python program that accepts a word from the user and reverse it.

Input:python

Output:nohtyp

3. Write a Python program to get the Fibonacci series between 0 to 50(Interview question).

Input: a=0, b=1

Expected Output : 1 1 2 3 5 8 13 21 34

Note : The Fibonacci Sequence is the series of numbers :

0, 1, 1, 2, 3, 5, 8, 13, 21,

Every next number is found by adding up the two numbers before it.