B: Dice Cup

Time Limit: 1 second(s)

In many table-top games it is common to use different dice to simulate random events. A "*d*" or "*D*" is used to indicate a die with a specific number of faces, *d4* indicating a four-sided die, for example. If several dice of the same type are to be rolled, this is indicated by a leading number specifying the number of dice. Hence, *2d6* means the player should roll two six-sided dice and sum the result face values.

Write a program to compute the most likely outcomes for the sum of two dice rolls. Assume each die has numbered faces starting at 1 and that each face has equal roll probability.

Input

The input consists of a single line with two integer numbers, M and N $4 \leq M, N \leq 20$, specifying the number of faces of the two dice.

Output

A line with the most likely outcome for the sum; in case of several outcomes with the same probability, they must be listed from lowest to highest value on separate lines.

Sample Input and Output

Sample Input 1	Output for Sample Input
6 6	7

Sample Input 2	Output for Sample Input
6 4	5 6 7

Sample Input 3	Output for Sample Input
12 20	13 14 15 16 17 18 19 20 21