#1

1 to N

Given a number *N*. Print numbers from 1 to *N* in separate lines.

Example

5 => 1 2 3 4 5

10 => 1 2 3 4 5 6 7 8 9 10

18 => 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

#2
Pyramid

Given a number N. Print a left angled triangle that has N rows.

Examples:

2 =>

```
*
**
```

4 =>

```
*
**
***
****
```

7 =>

```
*
**
***
****
*****
******
*******
```

Note

Don't print any extra spaces after symbol "*".

#3

Summation

Given a number N and an array A of N numbers. Print the absolute summation of these numbers.

absolute value : means to remove any negative sign in front of a number .

EX : |-5| = 5 , |7| = 7

Examples:

4 7 2 1 3 => 13

3 -1 2 -3 => 2

5 1 -1 5 -8 7 => 4

Note

Second Example : -1 + 2 + -3 = -2 and it absolute is 2 so the answer is 2.

#4

Multiplication table

Given a number N. Print the multiplication table of the number from 1 to 10

Examples:

1 =>	2=>	5=>
1 * 1 = 1	2 * 1 = 2	5 * 1 = 5
1 * 2 = 2	2 * 2 = 4	5 * 2 = 10
1 * 3 = 3	2 * 3 = 6	5 * 3 = 15
1 * 4 = 4	2 * 4 = 8	5 * 4 = 20
1 * 5 = 5	2 * 5 = 10	5 * 5 = 25
1 * 6 = 6	2 * 6 = 12	5 * 6 = 30
1 * 7 = 7	2 * 7 = 14	5 * 7 = 35
1 * 8 = 8	2 * 8 = 16	5 * 8 = 40
1 * 9 = 9	2 * 9 = 18	5 * 9 = 45
1 * 10 = 10	2 * 10 = 20	5 * 10 = 50

#5

loop

You will be given two positive integers a , and b (a <= b), separated by a newline.

For each integer n in the inclusive interval [a , b] :

·   If (1 <= a <= 9) , then print the English representation of it in lowercase. That is "one" for 1 , "two" for 2 , and so on.

·   Else if (n > 9) and it is an even number, then print "even".

·   Else if (n > 9) and it is an odd number, then print "odd".

Examples:

8 11 => eight nine even odd

3 15 => three four five six seven eight nine even odd even odd even odd

2 5 => two three four five

#6

Mirror Array

Given two numbers NN, MM and a 2D array of size NN * MM. Print the inverted array that appeared in the mirror.
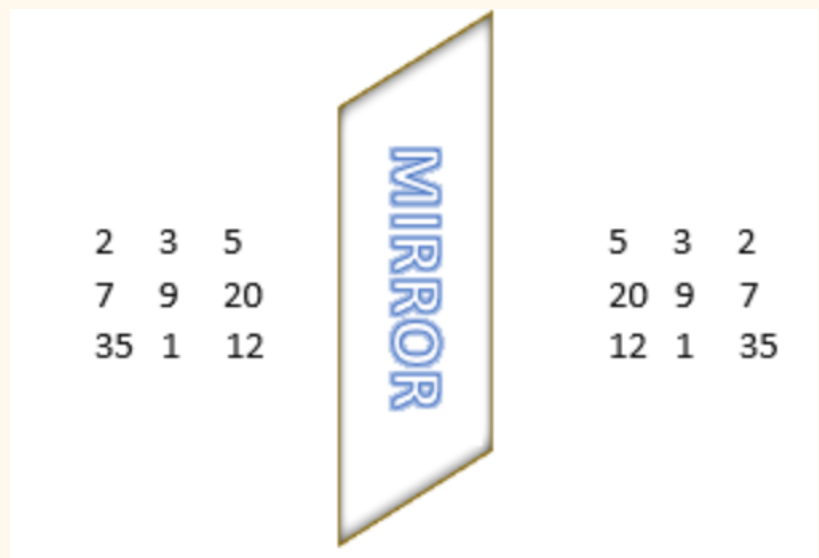
Examples:

3 3

2 3 5

7 9 20

35 1 12

=>

5 3 2

20 9 7

12 1 35

#7

Create A New String

Given two strings S and T. Print 2 lines that contain the following in the same order:

1. Print the length of S and T separated by space.

2. Print a new string that contains S and T separated by a space.

Examples:

LEVEL ONE => 5 3

Programming contest => 11 7

Love mathematics => 4 11