Assignment 2

1- Write a program that allows user to insert integer then print all numbers between 1 to that's number

Example

Input 5

Output 1, 2, 3, 4, 5

2- Write a program that allows user to insert integer then print a multiplication table up to 12.

Example

Input 5

Output

5 10 15 20 25 30 35 40 45 50 55 60

3- Write a program that allows to user to insert infinite integers until he insert negative number then print summation of all integers

Example

Input 5 7 8 3 2 -1

Output 25

4- Write a program that allows to user to insert infinite integers until he insert negative number then print the max integer.

Example

Input 5 3 8 7 9 4 -1

Output 9

5- Write a program that allows to user to insert number then print all even numbers between 1 to this number

Example:

Input 15

Output 2 4 6 8 10 12 14

6- Write a program that take an integer from user then print all factors of this number.

Example:

Input: 8

Output: 1 2 4 8

Input 9

Output 1 3 9

7- Write a program that take two integers then print the power

Input 4 3

Output 64

Hint how to calculate 4^3 = 4 * 4 * 4 =64

8- Write a program that take two integers then print all prime numbers between them

Example

Input 4 20

Output 5 7 11 13 17

9- Write a program that allows to user to insert height and width of triangle then print it.

Example

Input 3 5

Output

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10-   Write a program that take an integer from user then print max digit

Example

Input 56783

Output 8

11-   Write a program that take an integer from user then print the reverse

Example

Input 5362

Output 2635

12-   Write a program that take height then print Equilateral triangle

Example

Input 4

Output

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