Revision.

loops

↳ for loop

↳ range. =< [0, 10]

< 10 .... [0, 10)

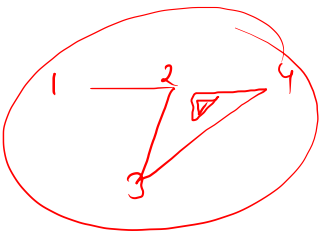
```
for ( int i=0 ;   i<=10 ;  i++)
   {
      Sysout(i);
   }
```

for (① initialize ; ② condition ; ④ update value)

{

③ body

}



Que

i/p n = 5

o/p → 5 4 3 2 1 0

?

Print n to 0

Problem | Submissions | Leaderboard | Discussions

You will be given an integer input n and you have to print the integers from **n to 0** in different lines.

Input Format

For each test case, you will get an input **n** of integer data-type.

→ n } i/p

```
int n = scn.nextInt();//3

for(int i = n; i >= 0; i--){
    System.out.println(i);
}
```

n = 3

i = 3 2 1 0

3 ≥ 0 ✓
2 ≥ 0 ✓
1 ≥ 0 ✓
0 ≥ 0 ✓
-1 ≥ 0 ✗

3 2 1 0

n = 3: 3 2 1 0

n = 4: 4 3 2 1 0

n = 5: 5 4 3 2 1 0

n, n-1, n-2, n-3, ..., 0

i > 0 → i ≥ 1

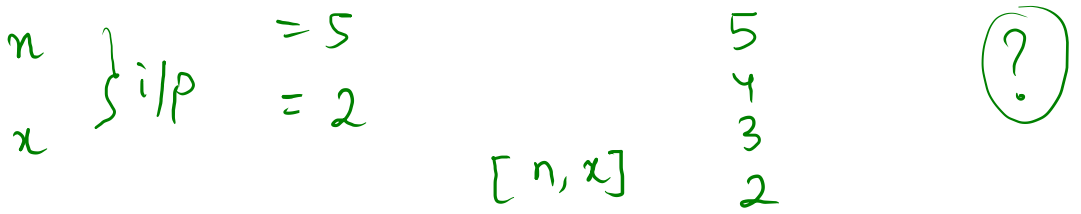
n = 3: 3 2 1

n = 4: 4 3 2 1

Print n to x

Problem | Submissions | Leaderboard | Discussions

You will be given an input **n** and **x** as an integer input, and you have to print the numbers from **n to x** in different lines.



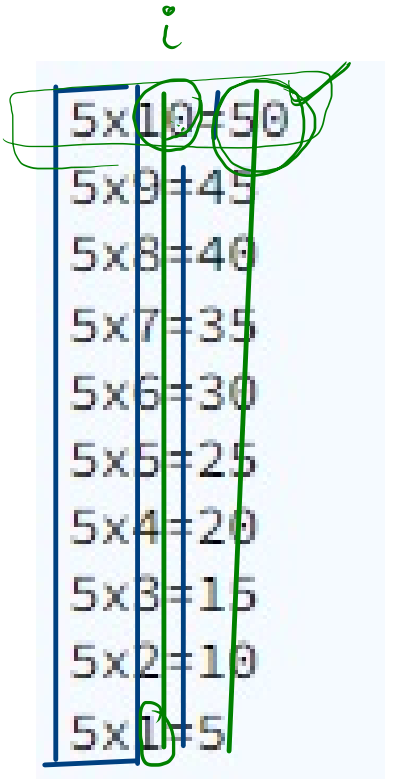
Reverse 5 table

Problem | Submissions | Leaderboard

You have to print the table of **5** in reverse as given below.

?

i = [10, 1]



print odd from n to 1

Problem | Submissions | Leaderboard | Discussions

You will get an integer input n, and you have to print all the odd numbers from n to 1 such that each number should be printed in a separate line.

```
public static void main(String[] args) {
    Scanner scn = new Scanner(System.in);

    int n = scn.nextInt();
    for(int i = n; i >= 1; i--){
        // I will check: 'i' is odd or not
        if(i % 2 != 0 ){
            System.out.println(i);
        }
    }

}
```

n=7

7
5
3
1

n=8

7
5
3
1

n=9

9
7
5
3
1

7
5

2 | 6 | 3
6
0

2 | 7 | 3
6
1

2
2 | 5
4
1

i=7 6 5

7>=1

Print n, n-3, n-6 .....

Problem | Submissions | Leaderboard

You will be given an input n of integer data type.

You have to print the series `n, n-3, n-6....`

n = 12

9

6

3

?

n = 17

14

11

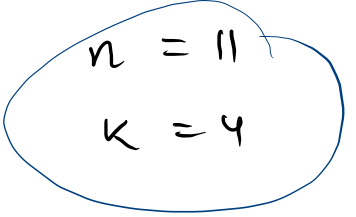
8

5

2

-1

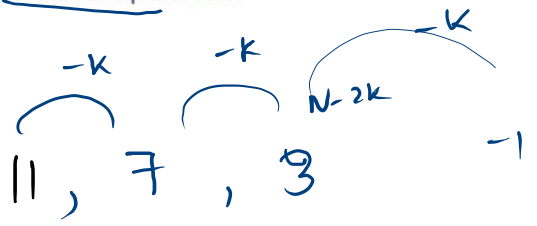
Print n, n-k, n-2k, n-3k .....



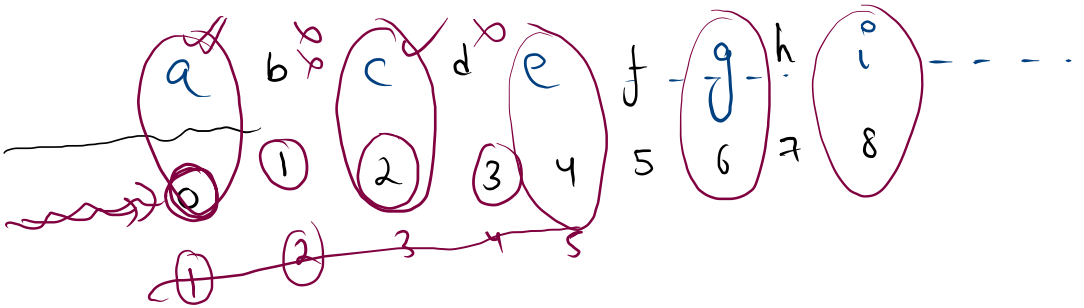
Problem | Submissions | Leaderboard | Discussions

You will be given two integers **N** and **K** as an integer input.

You have to print the series `N, N-K, N-2K` where each number should be printed in a separate line and you have to print till the time the printed integer is **greater than or equal to zero.**



?



ch → even number.

```
for(int i = 0; i < 26; i++){
    if(i % 2 == 0){
        System.out.println(   (char)('a' + i));
    }
}
```

a b c d e f ---
0 1 2 3 4 5 ----

'a'
'c'

i = 0 1 2

(char) ('a' + i)

97 + 2 = 99

'a' + 0
= 97 + 0 = 97