

1. You are given an integer. Print all numbers starting from 0 up to the input number(inclusive).

Input	Output
8	0 1 2 3 4 5 6 7 8
10	0 1 2 3 4 5 6 7 8 9 10

2. You are given an integer. Print all numbers starting from 0 up to the input number(inclusive) in reverse order.

Input	Output
8	8 7 6 5 4 3 2 1 0
10	10 9 8 7 6 5 4 3 2 1 0

3. You are given an integer. Print the number itself and the next five integers, thus six numbers in total.

Input	Output
8	8 9 10 11 12 13
10	10 11 12 13 14 15

4. You are given an integer. Print the previous five integers and the number itself, thus six numbers in total.

Input	Output
0	-5 -4 -3 -2 -1 0
6	1 2 3 4 5 6
-22	-27 -26 -25 -24 -23 -22

5. You are given an integer. Sum all even numbers between 1 and the given number(inclusive) and print the sum. Being inclusive means that if the input number is even, you must also add that number.

Input	Output
7	12 (Explanation: $2 + 4 + 6$)
10	30 (Explanation: $2 + 4 + 6 + 8 + 10$)
1	0 (Explanation: no even num between 1 & 1)

6. You are given an integer. Sum all odd numbers between 1 and the given number(inclusive) and print the sum.

Input	Output
7	16 (Explanation: $1 + 3 + 5 + 7$)
10	25 (Explanation: $1 + 3 + 5 + 7 + 9$)
1	1 (Explanation: only 1 is odd between 1 & 1)

7. You are given an integer. Sum all even numbers between the input number and the next 10 integers and print the sum. All are inclusive; thus, you must think about 11 numbers in total, starting with the input number.

Input	Output
7	60 (Exp: 8 + 10 + 12 + 14 + 16)
4	54 (Exp: 4 + 6 + 8 + 10 + 12 + 14)
10	90 (Exp: 10 + 12 + 14 + 16 + 18 + 20)

8. You are given an integer. Sum all odd numbers between the previous 10 integers and the input number and print the sum. Again, there are 11 numbers in total.

Input	Output
10	25 (Exp: 1 + 3 + 5 + 7 + 9)
5	0 (Exp: (-5) + (-3) + (-1) + 1 + 3 + 5)
-10	-75 (Exp: -19, -17, -15, -13, -11)