9. Sum of Odd Numbers

Create a program that prints on a new line the next **n odd numbers** (starting from 1). On the **last row** prints the **sum of all n odd numbers**.

Input

A single number n is read from the console, indicating how many odd numbers need to be printed.

Output

Print the next **n** odd numbers, starting from **1**, separated by **newlines**. On the last line, print the **sum** of these numbers.

Constraints

- **n** will be in the interval **[1…100]**

Examples

Input	Output
5	1
	3
	5
	7
	9
	Sum: 25

Input	Output
3	1
	3
	5
	Sum: 9

Solution

```
var n = int.Parse(Console.ReadLine());
var sum = 0;

for (var i = 1; i <= n; i++)
{
    Console.WriteLine("..."，...);
    sum ...;
}
Console.WriteLine($"Sum: {sum}");
```