Given an integer n, return the largest number that contains exactly n digits.

**Example**

For n = 2, the output should be  
largestNumber(n) = 99.

**Input/Output**

* **[time limit] 3000ms (cs)**
* **[input] integer n**

*Constraints:*  
1 ≤ n ≤ 7.

* **[output] integer**

The largest integer of length n.

<https://codefights.com/arcade/code-arcade/intro-gates/SZB5XypsMokGusDhX>

static int largestNumber(int n)

{

return int.Parse(new string('9', n));

}