

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

- **[execution time limit] 4 seconds (py)**
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- **[input] integer n**
- *Guaranteed constraints:*
- $1 \leq n \leq 9$.
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- **[output] integer**
- The largest integer of length n .