Telerik Academy

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✅ RecursionPath06 - Sum Digits

Java May'19 DSA Recursion 1 - 2 days 14:16:36

Given a non-negative int n, return the sum of its digits recursively (no loops).

Note that mod (%) by 10 yields the rightmost digit (126 % 10 is 6), while divide (/) by 10 removes the rightmost digit (126 / 10 is 12).

Input

On the first line you will be given n.

Output

On the only output line you should print the sum.

Constraints

n>=0

Sample tests

Input

126	Copy

Output

9	Copy

Submit solution

My submissions
All submissions
Best submissions

✔ **Points:** 100 (partial)
🕐 **Time limit:** 0.5s
📇 **Memory limit:** 64M
✎ **Author:**
   stelyan

🏷 **Tags**
Recursion
⬆ **Difficulty**
Easy

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Output

13   Copy

❓ Clarifications

No clarifications have been made at this time.

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