

# N Factorial

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## N Factorial

Write a method that multiplies a number represented as an array of digits by a given integer number. Write a program to calculate `N!`.

### Input

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- On the first line you will receive the number **N**

### Output

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- Print `N!`

### Constraints

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- $0 \leq N \leq 100$

### Sample tests

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#### Input Output

5	120
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