

Job Applications

Input file: **standard input**
Output file: **standard output**
Time limit: 1 second
Memory limit: 256 megabytes

After finishing university, Anton decided to start looking for a job.

He immediately went to the **ConnectedIn** website. When he went to the “Vacancies” tab, he saw a lot of job openings. However, the exact number of vacancies was not specified on the website. He knows that there are a maximum of 20 vacancies on each page, and the vacancies take up n pages.

You have a good understanding of how the website works. When a new vacancy is added, it is added to the last page. If there are already 20 vacancies on the last page before adding a new one, a new page is created and the vacancy is added there.

Knowing this information, determine the minimum and maximum number of vacancies.

Input

The first line of the input contains a single integer n ($1 \leq n \leq 100$) — the number of pages with vacancies.

Output

Print two integers — the minimum and maximum number of vacancies that could be on the website.

Examples

standard input	standard output
3	41 60
14	261 280