时间限制：C/C++/Rust/Pascal 1秒，其他语言2秒
空间限制：C/C++/Rust/Pascal 512 M，其他语言1024 M
64bit IO Format: %lld

题目描述

Given n rectangular blocks, where the i-th block has dimensions $1 \times i$. You need to combine **all** blocks to form a solid rectangle (no overlaps or empty spaces allowed). Find the minimal perimeter of the resulting rectangle.

It is guaranteed that you can always form a solid rectangle under the problem constraints.

输入描述：

> The first line contains an integer n ($1 \leq n \leq 2 \times 10^5$), representing the number of blocks.

输出描述：

> Output a single integer representing the minimal perimeter of the formed rectangle.

示例1

输入 复制

```
1
```

输出 复制

```
4
```

示例2

输入 复制

```
6
```

输出 复制

C++ clang++18

1

ACM模

请通过代

式请参考

境详情

运行结果 自测输入