MySlate_C CON_LOOP_Level2_016

Write a 'C' program to find the first number that has more than 'n' factors.Excluding 1 and that number

Input Format

Input contains n

Constraints

n - will be in the range 2 to 200.

Output Format

print the value

Sample Input 0

```
3
```

Sample Output 0

```
12
```

Explanation 0

2,3,4,6