Write a program to find the n-th ugly number.

Ugly numbers are**positive numbers** whose prime factors only include 2, 3, 5.

**Example:**

**Input:** n = 10

**Output:** 12

**Explanation:** 1, 2, 3, 4, 5, 6, 8, 9, 10, 12 is the sequence of the first 10 ugly numbers.

**Note:**

1. 1 is typically treated as an ugly number.
2. n **does not exceed 1690**.