Ugly Numbers   X81733_en

Ugly numbers are numbers whose only prime factors are 2, 3 or 5. The sequence *1, 2, 3, 4, 5, 6, 8, 9, 10, 12, 15, ...* shows the first 11 ugly numbers. By convention, 1 is included.
Write a program to find and print the 1500'th ugly number.

Input

There is no input to this program.

Output

Output should consist of a single line as shown below, with ¡*number*¿ replaced by the number computed.
The 1500'th ugly number is ¡number¿.

Problem information

Author : Prof. Carlos de Salles, DEINF/UFMA.
Generation : 2018-08-29 20:14:22