Practice Arena

Practice problems aimed to improve your coding skills.

- PRACTICE-02_SCAN-PRINT
- PRACTICE-03_TYPES
- LAB-PRAC-02_SCAN-PRINT
- LAB-PRAC-01
- PRACTICE-04_COND
  - Increasing Functions
  - Divide-by-zero
  - Largest power of 2
  - Ordinal Indicators
  - Bulls-eye --- well almost
- BONUS-PRAC-02
- LAB-PRAC-03_TYPES
- PRACTICE-05_COND-LOOPS
- LAB-PRAC-04_COND
- LAB-PRAC-05_CONDLOOPS
- PRACTICE-07_LOOPS-ARR
- LAB-PRAC-06_LOOPS
- LAB-PRAC-07_LOOPS-ARR
- LABEXAM-PRAC-01_MIDSEM
- PRACTICE-09_PTR-MAT
- LAB-PRAC-08_ARR-STR
- PRACTICE-10_MAT-FUN
- LAB-PRAC-09_PTR-MAT
- LAB-PRAC-10_MAT-FUN
- PRACTICE-11_FUN-PTR
- LAB-PRAC-11_FUN-PTR
- LAB-PRAC-12_FUN-STRUC
- LABEXAM-PRAC-02_ENDSEM
- LAB-PRAC-13_STRUC-NUM
- LAB-PRAC-14_SORT-MISC

Largest power of 2

PRACTICE-04_COND

You will be given an integer N. Print the largest number out of {1,2,4,8} which divides N. Note that if 8 divides N, then trivially 4 must also divide N. However, you have to output the largest power of 2 among those given, that divide N.

EXAMPLE 1:
INPUT
16

OUTPUT:
8

EXAMPLE 2:
INPUT
12

OUTPUT:
4

🍴 Start Solving! (/editor/practice/6014)