All Contests > Apr 2021 : CCC SRM KTR : CPS01 : Python Practice > Reincarnation

Reincarnation

Problem Submissions

In the world of numbers every number dies at some point and reincarnates. The newer generation will always surpass the previous generation and hence every number X upon incarnation will be promoted with a power Y i.e. X will now become X raised to the power Y. The god of the world of numbers needs a small break and hence has given you the task of reincarnating the incoming numbers after raising them to the power Y.

Input Format

Two numbers, X and Y.

Constraints

1 <= X <= 10 0 <= Y <= 10

Output Format

One number, X raised to the power Y.

Sample Input 0

2 4

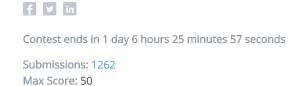
Sample Output 0

16

Explanation 0

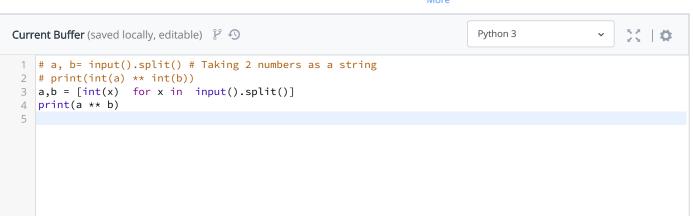
2 raised to the power 4 = 2 * 2 * 2 * 2 = 16

Solved: 1332 Attempted: 1336



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