

## Super Pow

Your task is to calculate  $a^b \bmod 1337$  where  $a$  is a positive integer and  $b$  is an extremely large positive integer given in the form of an array.

### Example1:

$a = 2$   
 $b = [3]$

Result: 8

### Example2:

$a = 2$   
 $b = [1, 0]$

Result: 1024

From [Leetcode](#).