372. Super Pow

Your task is to calculate ab mod 1337 where a is a positive integer and b is an extremely large positive integer given in the form of an array.

Example 1:

- **Input:** a = 2, b = [3]
- **Output:** 8

Example 2:

- **Input:** a = 2, b = [1,0]
- **Output:** 1024

Example 3:

- **Input:** a = 1, b = [4,3,3,8,5,2]
- **Output:** 1

Constraints:

- $1 <= a <= 2^{31} - 1$
- $1 <= b.length <= 2000$
- $0 <= b[i] <= 9$
- b does not contain leading zeros.