

Psycho

Problem Statement:

Given an integer N , the number N is called “**Psycho Number**”. Psycho Number is calculated as follows:

First, If we factorize N , then we have some prime and their power. Assume that, there are M powers. From M powers, you should count the number of even and odd powers. Then if the number of even power is strictly greater than odd power, then we call the number N is “**Psycho Number**”, otherwise the number N is call “**Ordinary Number**”.

As for example, if $N = 67500$ then prime factorization,

$$67500 = 2^2 \times 3^3 \times 5^4.$$

Count even powers and odd powers. This number have 2 even power(2,4) and 1 odd power (3). Since even power 2 (2,4) is greater than odd power 1 (3), so the number 67500 is a Psycho Number.

Input:

An integer T ($1 \leq T \leq 10^6$) denoting the number of test cases followed by T lines. Each containing a single integer N ($1 \leq N \leq 10^7$).

Output:

For each case print “**Psycho Number**” or “**Ordinary Number**”.

Sample Input/Output:

Sample Input	Sample Output
2	Ordinary Number
3	Psycho Number
4	

Note : 0 and 1 is not a psycho number .

Psycho 2 : [Psycho Function](#)

Psycho 3 : [Make Psycho](#)

Psycho 4 : [Psycho34 \(easy\)](#)

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