#include <iostream>

using namespace std;

int main() {

int year;

cout << "Enter a year: ";

cin >> year;

if ((year % 4 == 0 && year % 100 != 0) || year % 400 == 0) {

if (year % 400 == 0)

cout << "Leap year divisible by 400." << endl;

else

cout << "Leap year." << endl;

} else {

cout << "Not a leap year." << endl;

}

return 0;

}