Even or Odd
Problem ID: a02p01evenorodd

Write a program that reads an integer n from the input. The program should print `The number is even.` if n is even. The program should print `The number is odd.` if n is odd.

Input

Input consists of one line containing one integer n, where $-10^6 \le n \le 10^6$.

Output

Output consists of one line, whether n is even or odd.

Sample Input 1	Sample Output 1
0	The number is even.

Sample Input 2	Sample Output 2
1	The number is odd.

Sample Input 3	Sample Output 3
2	The number is even.

Sample Input 4	Sample Output 4
1548	The number is even.

Sample Input 5	Sample Output 5
−153	The number is odd.