import java.util.Scanner;

public class NumberCheck {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

int n = scanner.nextInt();

scanner.close();

if (n > 0) {

System.out.println("Positive");

} else if (n < 0) {

System.out.println("Negative");

} else {

System.out.println("Zero");

}

}

}