import java.util.Scanner;

public class Main

{

public static void main(String[]args) {

Scanner scan=new Scanner(System.in);

int number =scan.nextInt();

if(number>0)

{

System.out.println("Positive number");

}

if(number<0)

{

System.out.println("Negative number");

}

if(number==0)

{

System.out.println("zero");

}

}

}