import java.util.\*;

public class EvenOrOdd

{

public static void main(String args[])

{

Scanner read=new Scanner(System.in);

int num;

System.out.print("Enter a Number to check even or odd : ");

num=read.nextInt();

if(num==0)

{

System.out.print(+num+" is neither even nor odd");

}

else if(num%2==0)

{

System.out.print(num + " is an even number");

}

else if(num%2!=0)

{

System.out.print(num+" is an odd number");

}

else

{

System.out.print("Invalid entry!!..");

}

read.close();

}

}