// Write a program to check if a candidate is eligible for voting or not. (Hint: Check age)

public class IfAssgn1{

     public static void main(String []args){

         int age = 10;

         if(age < 18) {

             System.out.println("Not eligible to vote, age is " + age);

         }

         age = 20;

         if(age >= 18) {

          System.out.println("Eligible to vote, age is " + age);

         }

     }

}

// Write a program to check if the number is positive or negative.

import java.util.\*;

public class IfAssgn2{

    public static void main(String args[]){

        Scanner sc = new Scanner(System.in);

        System.out.println("Enter the number");

        int num = sc.nextInt();

        if(num >= 0) {

            System.out.println(" The entered number is positive ");

        } else {

            System.out.println(" The entered number is negative ");

        }

    }

}

// Extend the previous program to check whether the given number is positive, zero or negative.(Hint: use if-else conditions)

import java.util.\*;

public class IfAssgn3{

    public static void main(String args[]){

        Scanner sc = new Scanner(System.in);

        System.out.println("Enter the number");

        int num = sc.nextInt();

        if(num > 0) {

            System.out.println(" The entered number is positive ");

        } else if(num < 0) {

            System.out.println(" The entered number is negative ");

        } else {

            System.out.println("The entered number is Zero");

        }

    }

}

// Write a program to find largest of two numbers.

import java.util.\*;

public class IfAssgn4{

    public static void main(String args[]){

        Scanner sc = new Scanner(System.in);

        System.out.println("Enter first number");

        int fn = sc.nextInt();

        System.out.println("Enter second number");

        int sn = sc.nextInt();

        if(fn > sn){

            System.out.println("First Num is greater than sec num");

        } else {

            System.out.println("Second Num is greater than first num");

        }

    }

}

// Write a program to check given number is even or odd.(Hint: use % operator)

import java.util.\*;

public class IfAssgn5{

    public static void main(String args[]){

        Scanner sc = new Scanner(System.in);

        System.out.println("Enter the number to check");

        int num = sc.nextInt();

        if(num % 2 == 0){

           System.out.println("The number is Even");

        } else {

            System.out.println("The number is odd");

        }

    }

}