import java.util.Scanner;

public class Main {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

System.out.print("Enter n: ");

int n = scanner.nextInt();

int[] numbers = new int[n];

for (int i = 0; i < n; i++) {

System.out.print("Enter number " + (i + 1) + ": ");

numbers[i] = scanner.nextInt();

}

System.out.println("Elements in the array:");

for (int i = 0; i < numbers.length; i++) {

System.out.println(numbers[i]);

}

scanner.close();

int min = Integer.MAX\_VALUE;

int secMin = Integer.MAX\_VALUE;

for (int i = 0; i < numbers.length; i++) {

if (numbers[i] < min) {

secMin = min;

min = numbers[i];

} else if (numbers[i] < secMin && numbers[i] != min) {

secMin = numbers[i];

}

}

System.out.println("Minimum number: " + min);

System.out.println("Second minimum number: " + secMin);

System.out.println("Even numbers:");

for (int i = 0; i < numbers.length; i++) {

if (numbers[i] % 2 == 0) {

System.out.println(numbers[i]);

}

}

System.out.println("Odd numbers:");

for (int i = 0; i < numbers.length; i++) {

if (numbers[i] % 2 != 0) {

System.out.println(numbers[i]);

}

}

}

}