import java.util.Scanner;

class max{

public static <T extends Comparable<T>> T findMax(T[] arr) {

T max = arr[0];

for (T element : arr) {

if (element.compareTo(max) > 0) {

max = element;

}

}

return max;

}

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

System.out.print("Enter number of totals: ");

int nTotals = scanner.nextInt();

Integer[] totals = new Integer[nTotals];

System.out.println("Enter totals:");

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

totals[i] = scanner.nextInt();

}

System.out.print("Enter number of CGPAs: ");

int nCgpas = scanner.nextInt();

Float[] cgpas = new Float[nCgpas];

System.out.println("Enter CGPAs:");

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

cgpas[i] = scanner.nextFloat();

}

scanner.nextLine();

System.out.print("Enter number of names: ");

int nNames = scanner.nextInt();

scanner.nextLine();

String[] names = new String[nNames];

System.out.println("Enter names:");

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

names[i] = scanner.nextLine();

}

System.out.println("Highest Total: " + findMax(totals));

System.out.println("Highest CGPA: " + findMax(cgpas));

System.out.println("Name comes last alphabetically: " + findMax(names));

scanner.close();

}

}

