import java.util.Scanner;

public class LexueNo3 {

public static void main(String args[]){

Scanner reader = new Scanner(System.in);

String[] Dictionary = new String[8];

String temp;

for (int i = 0; i < 5; i++){

Dictionary[i] = reader.nextLine();

}

for (int i = 0; i < 4; i++){

for (int j = i + 1; j < 5; j++){

if (Dictionary[i].compareTo(Dictionary[j]) <= 0){

temp = Dictionary[i];

Dictionary[i] = Dictionary[j];

Dictionary[j] = temp;

}

}

}

for (int i = 0; i < 5; i++){

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

}

reader.close();

}

}