namespace Domacizad3

{

 class Program

 {

 static void podskup(int ind, ref bool[] mark,int n, string[] niz)

 {

 if (ind == n)

 {

 bool x = false;

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

 {

 if (mark[i])

 {

 x = true;

 Console.Write(niz[i]);

 Console.Write(" ");

 }

 }

 if (x)

 {

 Console.WriteLine();

 Console.ReadLine();

 }

 }

 else

 {

 mark[ind] = false;

 podskup(ind + 1, ref mark, n, niz);

 mark[ind] = true;

 podskup(ind + 1, ref mark, n, niz);

 }

 }

 static void Main(string[] args)

 {

 bool[] mark=new bool[10];

 string[] niz = new string[10];

 int i = 0;

 for (; ; i++)

 {

 niz[i] = Console.ReadLine();

 if (niz[i] == "kraj") break;

 }

 podskup(0, ref mark, i, niz);

 }

 }

}