using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace \_6\_MARCH\_2016

{

class PROBLEM06

{

static void Main(string[] args)

{

var n = int.Parse(Console.ReadLine());

var l = int.Parse(Console.ReadLine());

for (int q = 1; q <= n; q++)

{

for (int w = 1; w <= n; w++)

{

for (char e = 'a'; e < 'a'+l; e++)

{

for (char r = 'a' ; r < 'a'+l; r++)

{

for (int t = 1; t <= n; t++)

{

if (t > q && t > w)

{

Console.Write($"{q}{w}{e}{r}{t} ");

}

}

}

}

}

}

}

}

}