package test2;

import java.util.Scanner;

public class TestClass2

{

public static void main(String[] args)

{

@SuppressWarnings("resource")

Scanner sc = new Scanner(System.in);

System.out.println("Введите цель: "); int w = sc.nextInt();

System.out.println("Введите количество камней в первой куче: "); int i = sc.nextInt();

System.out.println("Введите х: "); int x = sc.nextInt();

System.out.println("Введите у: "); int y = sc.nextInt();

String[][] m = new String[w][w];

for(int i1 = 1; i1 < w; i1++)

{

for(int j1 = 1; j1 < w; j1++)

{

m[i1][j1] = -1;

System.out.print(m[i1][j1]);

}

System.out.println();

}

System.out.println();

System.out.println();

System.out.print(" ");

for(int i2 = w - 1; i2 > 0; i2--)

System.out.print(i2 > 9 ? " " + i2 : " " + i2);

System.out.println();

for(int i2 = w - 1; i2 > 0; i2--)

{

System.out.print(i2 > 9 ? i2 : i2 + " ");

for(int j2 = w - 1; j2 > 0; j2--)

{

int i1 = Math.min(i2, j2);

int j1 = Math.max(i2, j2);

if (j1 \* y + i1 >= w) // < ??????????????????????????????????????????

{

m[i1][j1] = 1;

}

else if (m[y \* i1][j1].charAt(0) == 49 && m[i1][j1 \* y].charAt(0) == 49 && m[i1 + x][j1].charAt(0) == 49 && m[i1][j1 + 2].charAt(0) == 49)

{

m[i1][j1] = 2;

}

else

{

m[i1][j1] = 1;

}

System.out.print(m[i1][j1] < 0 ? " " + m[i1][j1] : " " + m[i1][j1]);

}

System.out.println();

}

}

}