package hmw1;

import java.util.Scanner;

public class Class1 {

public static void main(String[] args) {

//pentru conditia initiala a problemei introduceti n = 5

Scanner read = new Scanner(System.***in***); int n = read.nextInt(); read.close();

*Exe1*(n);

*Exe2*(n);

*Exe3*(n);

}

public static void Exe1(int n) {

for (int i = 1; i<n+1; i++) {

for (int j = 1; j< n+1; j++) {

System.***out***.printf("%3d ", Math.*min*(i, j));

}

System.***out***.print("\n");

}

System.***out***.println(" ");

}

public static void Exe2(int n) {

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

for (int j = 1; j< n+1; j++) {

System.***out***.printf("%3d ",n\*i+j);

}

System.***out***.print("\n");

}

System.***out***.println(" ");

}

public static void Exe3(int n) {

int[][] matrix= new int[n][n];

*FillMatrix*( matrix, n, 0, 0, 1);

for (int i = 0; i < matrix.length; i++) {

for (int j = 0; j < matrix[i].length; j++) {

System.***out***.printf("%3d ", matrix[i][j]);

}

System.***out***.println();

}

}

public static void FillMatrix(int[][] matrix, int len, int r, int c, int start) {

while (len >0) {

for (int i = c; i < (c + len); i++) matrix[r][i] = start++;

for (int i = r+1; i < (r + len); i++) matrix[i][c+len-1] = start++;

for (int i = c + len - 2; i > c-1 ; i--) matrix[r+len-1][i] = start++;

for (int i = r + len -2; i > r; i--) matrix[i][c] = start++;

r++;

c++;

len -= 2;

}

}

}

package hmw1;

public class Class2 {

public static void main(String[] args) {

for (int i = 0; i < 26; i++) {

char a = (char)(i+97);

for (int j = 0; j < i+1; j++) System.***out***.printf("%c", a);

}

}

}