import java.io.\*;

import java.util.\*;

import java.text.\*;

import java.math.\*;

import java.util.regex.\*;

public class Solution {

public static void main(String[] args) {

int i, j, n;

Scanner sr = new Scanner(System.in);

n=sr.nextInt();

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

for (j=0; j<n; j++) {

if (i == 0 || i == n - 1 || j == 0 || j == n - 1) {

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

} else {

System.out.print(" ");

}

}

System.out.println();

}

}

}