#include <iostream>

using namespace std;

int main() {

int n;

cout << "Enter size: ";

cin >> n;

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

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

cout << " ";

}

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

cout << k;

}

for(int h= i-1; h>=1; h--){

cout << h;

}

cout << endl;

}

for(int i=n-1; i>=1; i--){

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

cout << " ";

}

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

cout << k;

}

for(int h= i-1; h>=1; h--){

cout << h;

}

cout << endl;

}

}