#include<iostream>

using namespace std;

int main()

{

int n;

int value = 1;

int a[100][100], i, j;

j = 0;

cout <<" Ban nhap ma tran vuong cap: ";

cin >> n;

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

{

if (i == 0)

{

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

{

int k = j, l = i;

while (k >= 0)

{

a[l++][k] = value++;

k--;

}

}

}

else

{

j = n - 1;

int l = i;

while (j >= i)

{

a[l++][j] = value++;

j--;

}

}

}

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

{

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

{

cout << a[i][j] <<"\t";

}

cout << endl;

}

system ("pause");

return 0;

}