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// Zigzag ma tran vuong cap n

#include <iostream>

#include <conio.h>

using namespace std;

const int maxN = 10;

int main ()

{

int a[maxN][maxN] = {0};

int N;

do {cout <<" Nhap vao ma tran vuong cap: ";

cin >> N;

if ( N < 2 || N > 10 )

cout <<" Nhap sai. nhap lai\n";

\_getch ();

system ("cls");

} while (N < 2 || N > 10 );

int value = 1;

for ( int k = 0; k < N; k++) // k duyet cot

{

if ( k % 2 == 0)

for ( int i = 0; i < N; i++)

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

else

for ( int i = N - 1; i >= 0; i--)

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

}

// Xuat mang

for ( int i = 0; i < N; i++)

{

for ( int j = 0; j < N; j++)

{

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

}

cout << endl;

}

system ("pause");

return 0;

}