#include <iostream>

#include <math.h>

using namespace std;

int main()

{

int n,i;

cout<<"Enter N: ";

cin>>n;

int a[n];

for (i=0;i<n;i++)a[i]=i;

for (i=0;i<n/2;i++)

cout<<a[i]<<" "<<a[n-i-1]<<" ";

if (n%2!=0) cout<<a[i];

}