#include <iostream>

using namespace std;

int main()

{

int row,i,j,k;

cout<<"Enter lenght of triangle:";

cin>>row;

for (i = 1; i <= row; i++)

{

for (j = 1; j <= row - i; j++)

{

cout << " ";

}

while (k!=2\*i-1)

{

cout<<"\* ";

k++;

}

k=0;

cout<<endl;

}

row--;

for (i = row; i >= 1; i--)

{

for (j = 0; j <= row-i; j++)

{

cout << " ";

}

k = 0;

while (k != (2\*i)-1)

{

cout << "\* ";

k++;

}

cout << endl;

}

return 0;

}