**package** 자바실습assignment1;

**import** java.util.Scanner;

**public** **class** assignment2 {

**public** **static** **void** main(String[] args) {

// **TODO** Auto-generated method stub

Scanner input = **new** Scanner(System.***in***);

**int** a;

System.***out***.print("Input number: ");

a= input.nextInt();

**if**(a%2==1) {

**int** b= 1;

**int** c;

**int** d;

**while** (b <= a) {

d = 0;

**while** (d < (a - b) / 2)

{

System.***out***.print(" ");

d++;

}

c = 0;

**while** (c < b)

{

System.***out***.print("\*");

c++;

}

b = b + 2;

System.***out***.print("\n");

}

**int** e = 1;

**int** f;

**int** g;

**while** (e <= a-2) {

g = 0;

**while**(g<(e+1)/2)

{

System.***out***.print(" ");

g++;

}

f = 0;

**while** (f < a-1-e) {

System.***out***.print("\*");

f++;

}

e = e + 2;

System.***out***.print("\n");

}

}

**else** {

**int** b= 0;

**int** c;

**int** d;

**while** (b <= a) {

d = 0;

**while** (d < (a - b) / 2)

{

System.***out***.print(" ");

d++;

}

c = 0;

**while** (c < b)

{

System.***out***.print("\*");

c++;

}

b = b + 2;

System.***out***.print("\n");

}

**int** e = 1;

**int** f;

**int** g;

**while** (e <= a-2) {

g = 0;

**while**(g<(e+1)/2)

{

System.***out***.print(" ");

g++;

}

f = 0;

**while** (f < a-1-e) {

System.***out***.print("\*");

f++;

}

e = e + 2;

System.***out***.print("\n");

}

}

}

}

