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import java.util.Scanner;

public class ioana {

public static void main(String[] args) {

Scanner in = new Scanner(System.in);

int sum = 1,

n = in.nextInt();

in.close();

for(int i = 1; i <= n; ++i) {

sum += i;

}

System.out.println(sum);

if(n >= 14) {

System.out.println("Cadoul Ioanei a fost mai mare de 100$ la varsta de 14 ani.");

}

}

}

import java.util.Scanner;

public class mar {

public static void main(String[] args) {

Scanner in = new Scanner(System.in);

int n = in.nextInt();

in.close();

int roada = 8;

for(int i = 2; i <= n; ++i) {

roada += roada / 2 + 4;

}

System.out.println(roada);

if(n >= 8) {

System.out.println("Marul a avut nu mai putin de 200 de mere.");

}

}

}

public class gaste {

public static void main(String[] args) {

// 2\*n + n/2 + n/4 + 1 = 100

// 8\*n + 2\*n + n + 4 = 400

// 11n = 400 - 4

// n = (400 - 4) / 11

System.out.println(

(400 - 4) / 11

);

}

}