import java.util.Scanner;

public class Main {

public static void main(String[]args) {

Scanner sc = new Scanner(System.in);

int n = sc.nextInt();

int m = sc.nextInt();

sc.close();

Ex1 z = new Ex1();

z.SumaRadical();

Ex2 y = new Ex2();

y.SumaCifre(n);

Ex3 x = new Ex3();

x.SumaSumei(m);

Ex4 h = new Ex4();

h.Rate();

}

}

public class Ex1 {

void SumaRadical() {

int i = 100;

double s = 0;

while(i > 0) {

s = Math.sqrt(i + s);

i-=2;

}

System.out.println(s);

}

}

public class Ex2 {

void SumaCifre(int n) {

int i = 100;

while(i < 1000) {

int u = i % 10;

int z1 = i / 10;

int z = z1 % 10;

int s = i / 100;

int sum = u + z + s;

if(sum == n) {

System.out.println(i + " ");

}

i++;

}

System.out.println();

}

}

public class Ex3{

void SumaSumei(int m) {

int sum = 0, summ = 0, r;

while(m != 0) {

r = m % 10;

sum = sum + r;

m = m / 10;;

}

System.out.println(sum);

while(sum != 0) {

r = sum % 10;

summ = summ + r;

sum = sum / 10;;

}

System.out.println(summ);

}

}

public class Ex4{

void Rate() {

int x = 0, s = 0;

while(s < 100){

x++;

s = (2 \* x) + (x / 2) + (x / 4) + 1;

}

System.out.println("In cârd erau " + x + " gâste");

}

}