import java.util.Scanner;

public class noi {

public static void main(String[] args)

{

Scanner sc=new Scanner(System.in);

int n=sc.nextInt();

int i=100;

int s=0;

int x;

int x1;

while(i<=1000){

x1=i;

s=0;

for(int j=1;j<=3;j++){

x=x1%10;

s=s+x;

x1=x1/10; }

if (s==n){

System.out.println(i); }

i=i+1;

import java.util.Scanner;

public class tema3 {

public static void main(String[] args)

{

Scanner sc=new Scanner(System.in);

int s=sc.nextInt();

int d;

int c=1;

int x;

while((s/10)>0){

d=s;

while((s/10)>0){

c=c+1;

s=s/10}

s=0;

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

x=d%10;

s=s+x;

d=d/10}

System.out.println(s);

}

}

}

public class tu {

public static void main(String[] args)

{

int i=1;

int d;

while(<100){

d=1;

d=d+(d/2)+(d/4)+1;

if(d==100);

}

I=i+1;

}

public class eu {

public static void main(String[] args)

{

int i=4;

double s=0;

double s1=4;

while (i>=2){

s=Math.sqrt(s1);

s1=s+(i-2);

i=i-2;

}

System.out.println(s1);

}

}