import java.util.Scanner;

public class MySeventhJavaProgram {

public static int addition(int number){

int temp=number;

int sum=0;

while(temp>0){

sum+=temp%10;

temp/=10;

}return sum;

}

public static void main(String args[]) {

Scanner sc=new Scanner(System.in);

int number=sc.nextInt();

int sum=0;

int temp=number;

while(temp>0){

sum+=temp%10;

temp/=10;

}while(sum>=10){

sum=addition(sum);

}

System.out.println(sum);

}

}

Input : 9829

Output : 1