# Realizat de: Briceag Maria, cl.a X-a”B”

While Loop

import java.util.Scanner;  
  
public class Problema4 {  
 public static void main(String[] args) {  
 Scanner s = new Scanner(System.in);  
 int n = s.nextInt();  
 s.close();  
 int i=0,sum=0;  
 while((n+"").length()>1){  
 int length=(n+"").length();  
 i=0;  
 while(i<=length)  
 {  
 sum+=n%10;  
 n=n/10;  
 i++;  
 }  
 n =sum;  
 sum=0;  
 System.out.println(n);  
 }  
  
  
  
 }  
  
  
  
}

import java.util.Scanner;  
  
public class Problema5 {  
 public static void main(String[] args) {  
 double sum=0;  
 for(int i=100;i>0;i-=2){  
 sum=Math.sqrt(sum)+i;  
 }  
 System.out.println(sum);  
 }  
}

import java.util.Scanner;  
  
public class Problema6 {  
 public static void main(String[] args) {  
 Scanner s = new Scanner(System.in);  
 int n = s.nextInt();  
 for(int i=100;i<=1000;i++){  
 if(i%10+(i/10)%10+i/100==n){  
 System.out.println(i);  
 }  
 }  
 }  
}

import java.util.Scanner;  
  
public class Problema10 {  
 public static void main(String[] args) {  
 int numarulDeGaste=0;  
 while(numarulDeGaste<100){  
 if(numarulDeGaste+numarulDeGaste+numarulDeGaste/2+numarulDeGaste/4+1==100){  
 System.out.println("Sunt "+numarulDeGaste+" gaste");  
 break;  
 }  
 numarulDeGaste++;  
 }  
  
 }  
}