ArmstrongNumber.java

//Armstrong Number

import java.util.\*;

public class ArmstrongNumber

{

public static void main(String args[])

{

int count=0,rem,num,temp,num\_length=0;

double ans=0;

Scanner s = new Scanner(System.in);

System.out.println("Enter a Number : ");

num=s.nextInt();

temp=num;

int temp1=num;

while(temp!=0)

{

temp=temp/10;

count++;

}

num\_length=count;

while(num!=0)

{

rem=num%10;

ans=(double)ans+(double)Math.pow(rem,num\_length);

num=num/10;

}

System.out.println("ANS = "+ans);

if(ans==temp1)

{

System.out.println("The number is armstrong");

}

else

{

System.out.println("The number is not an armstrong number");

}

}

}

OUTPUT:

