import java. util. \*;

class Armstrong

{

public static void main(String[] args)

{

int arm=0,a,b,c,d,no;

Scanner s=new Scanner(System.in);

System.out.println("Enter any num :");

no=s.nextInt();

d=no;

while(no>0)

{

a=no%10;

no=no/10;

arm=arm+a\*a\*a;

}

if(arm==d)

{

System.out.println("Armstrong :");

}

else

{

System.out.println("not Armstrong");

}

}

}