\*ADDITION USING STRINGS

import java.io.\*;

import java.util.\*;

class UserMainCode

{

public int addNumberString(String input1,String input2)

{

int carry=0;

if(input1.length()<input2.length())

{

String temp="";

temp=input1;

input1=input2;

input2=temp;

}

int len1=input1.length();

int len2=input2.length();

String str="";

int j=len2-1;

for(int i=0;i<len1;i++)

{

int a=Character.getNumericValue(input1.charAt(len1-1-i));

int b=0;

if(j>=0)

{

b=Character.getNumericValue(input2.charAt(j));

j--;

}

int sum=a+b+carry;

carry=sum/10;

int init=sum%10;

str=Integer.toString(init)+str;

if(i==len1-1 && carry>0)

{

str=Integer.toString(carry)+str;

}

}

return str;

}

}

\*FIND STRING CODE

import java.io.\*;

import java.util.\*;

class UserMainCode{

public int findStringCode(String input1){

String str=input1.toUpperCase();

String word[]=str.split(" ");

String value2="";

for(int i=0;i<word.length;i++) {

int sum=0;

for(int j=0;j<word[i].length()/2;j++) {

int first=word[i].charAt(j);

int last=word[i].charAt(word[i].length()-1-j);

sum+=Math.abs(first-last);

}

if(word[i].length()%2!=0)

sum+=(word[i].charAt(word[i].length()/2)-64);

String value=Integer.toString(sum);

value2+=value;

}

return Integer.parseInt(value2);

}}

\*GET CODE THROUGH STRINGS

import java.io.\*;

import java.util.\*;

class UserMainCode{

public int getCodeThroughString(String input1){

String word[]=input1.split(" ");

int sum=0;

for(int i=0;i<word.length;i++)

{

sum+=word[i].length();

}

return (1 + (sum-1) %9);