import java.util.\*;

public class uniquepass

{

public static void main(String args[])

{

Scanner sc=new Scanner(System.in);

String name;

String pw=new String();

long ph;

int roomno,reminder,sum=0;

System.out.print("Enter the name: ");

name=sc.next();

System.out.print("Enter the room number: ");

roomno=sc.nextInt();

int rno1=roomno;

System.out.print("Enter the phone number: ");

ph=sc.nextLong();

char []symbol={')','!','@','#','$','%','^','&','\*','('};

do

{

while(roomno!=0)

{

reminder=roomno%10;

sum=sum+reminder;

roomno=roomno/10;

}

if(sum>=10)

{

roomno=sum;

sum=0;

}

}while(roomno!=0);

int c=rno1/100;

int len=name.length();

int pos=0;

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

{

if(c==i)

{

pos=i;

System.out.println("Password is: ");

}

}

pw=""+name.charAt(0)+(ph%10)+sum+symbol[c]+name.charAt(len-1);

System.out.println(pw);

}

}