String s=new String(input1+"");

int n=input1;

ArrayList<Integer> a=new ArrayList<Integer>();

int c[]={0,0,0,0,0,0,0,0,0,0,0};

for(int r=n%10;n>0;n/=10,r=n%10)

a.add(r);

for(int r:a)

c[r]++;

int count=0;

for(int i=1;i<=10;i++)

if(c[i]!=0&&c[i]%2!=0)

count++;

if(count<=1)

return 2;

return 1;