let User='23764';//測試數字用

let User\_sp=User.split('');//分割數字

let quotient='';//商

let remainder='';//餘數

let kuti='10000000';

let lakh='100000';

let hajar='1000';

let shata='100';

let feedback=[];//裝載User>kuti前面剩餘的數字，因為要加回去

let remainder\_in=[];//如果餘數!=0的話，直接裝餘數

let num1=[];//擺放判斷出來的數字

let num2=[];//擺放判斷出來的數字

let parameter=[];//判斷數字應該擺入甚麼文字

let parameter2=[];

let LastNumber=0;//計算feedback後加回的值，如果沒發生feedback就直接讓User==LastNumber

let result='';//輸出

let special=[];//如果餘數是0的處理

let special2=0;

let test=0;

//如果大於千的判斷

//最一開始判斷是否要分割數字拆解出來算

if(User.length-kuti.length>=1){

while(User>kuti){

quotient=Math.floor(User/kuti);

remainder=User%kuti;

if(remainder==0){

quotient=quotient.toString();

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

special[i]=quotient[i];

}

for(q=0;q<special.length+1;q++){

if(special[q]==User\_sp[0]){

removed = User\_sp.splice(0,1);

}

}

for(y=0;y<User\_sp.length;y++){

remainder\_in[y]=User\_sp[y];

}

}

else{

remainder=remainder.toString();

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

remainder\_in[i]=remainder[i];

}

}

break;

}

}

//如果User>kuti進行的處理

if(User.length>kuti.length){

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

if(quotient%kuti!=quotient){

num1[i]=(quotient-quotient%kuti)/kuti;

quotient=quotient%kuti;

parameter.push('kuti');

}

else if(quotient%lakh!=quotient){

num1[i]=(quotient-quotient%lakh)/lakh;

quotient=quotient%lakh;

parameter.push('lakh');

}

else if(quotient%hajar!=quotient){

num1[i]=(quotient-quotient%hajar)/hajar;

quotient=quotient%hajar;

parameter.push('hajar');

}

else if(quotient%shata!=quotient){

num1[i]=(quotient-quotient%shata)/shata;

quotient=quotient%shata;

parameter.push('shata');

}

else{

quotient=quotient.toString();

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

feedback[i]=quotient[i];

}

for(i=feedback.length-1;i>=0;i--){

remainder\_in.unshift(feedback[i]);

}

for(i=0;i<remainder\_in.length;i++){

if(remainder\_in[i]==0){

test++;

}

}

if(test==remainder\_in.length){

if(remainder\_in.length>=kuti.length){

parameter2.push('kuti');

}

else if(remainder\_in.length>=lakh.length){

parameter2.push('lakh');

}

else if(remainder\_in.length>=majar.length){

parameter2.push('majar');

}

else if(remainder\_in.length>=shata.length){

parameter2.push('shata');

}

}

process();

process1();

break;

}

}

}

//如果User一開始就小於kuti就不需要進行轉換直接跳到行程1

if(User.length<kuti.length){

LastNumber=User;

process1();

}

//行程0 處理一開始大於kuti的數字，讓他轉換成數字繼續判斷

function process(){

for(i=0;i<remainder\_in.length;i++){

LastNumber+=remainder\_in[i]\*(10\*\*(remainder\_in.length-i-1));

}

}

//行程1 第二次處理

function process1(){

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

if(LastNumber%kuti!=LastNumber){

num2[i]=(LastNumber-LastNumber%kuti)/kuti;

LastNumber=LastNumber%kuti;

parameter.push('kuti');

}

else if(LastNumber%lakh!=LastNumber){

num2[i]=(LastNumber-LastNumber%lakh)/lakh;

LastNumber=LastNumber%lakh;

parameter.push('lakh');

}

else if(LastNumber%hajar!=LastNumber){

num2[i]=(LastNumber-LastNumber%hajar)/hajar;

LastNumber=LastNumber%hajar;

parameter.push('hajar');

}

else if(LastNumber%shata!=LastNumber){

num2[i]=(LastNumber-LastNumber%shata)/shata;

LastNumber=LastNumber%shata;

parameter.push('shata');

}

else{

if(LastNumber>0){

num2[i]=LastNumber;

parameter.push('');

}

for(j=0;j<num2.length;j++){

num1.push(num2[j]);

}

break;

}

}

}

//輸出結果

if(User>0){

if(parameter2[0]==undefined){

for(k=0;k<parameter.length;k++){

result+=num1[k]+' '+parameter[k]+' ';

}

console.log(result);

}

else{

for(k=0;k<parameter.length;k++){

result+=num1[k]+' '+parameter[k]+' ';

}

result+=parameter2[0];

console.log(result);

}

}

if(User==0){

console.log('0');

}