编写程序打印出所有的水仙花数。所谓"水仙花数"是指一个三位数，其各位数字立方和等于该本身。例如：153是一个水仙花数，因为153=1^3+5^3+3^3。 输出的数之间用“,”（英文半角的逗号）分割。

import java.util.\*;

public class Main{

public static void main(String[] args){

int x, y, z;

int[] arr = new int[10];

int j = 0, i = 0;

for(i = 100; i < 1000; i++)

{

x = i/100;

y = i%100/10;

z = i%10;

if(x\*x\*x+y\*y\*y+z\*z\*z == i)

arr[j++] = i;

}

for(i = 0; i < j-1; i++)

System.out.print(arr[i]+",");

System.out.print(arr[i]);

}

}

给定2个正整数，求它们的最大公约数和最小公倍数，并输出。

import java.util.Scanner;

public class Main {

public static void main(String[] args) {

Scanner sc = new Scanner(System.in);

while(1==1){

int a =sc.nextInt();

int b =sc.nextInt();

shuChu(a,b);

}

}

public static void shuChu(int a,int b){

int max,min,bei=0;

if(a<b){

max = b;

min = a;

} else{

max = a;

min = b;

}

int s1 = max \* min;

int s2 = max % min;

while(s2!= 0){

max = min;

min = s2;

s2 = max % min;

}

bei=s1/min;

System.out.println(min+" "+bei);

}

}

学生成绩管理系统：

import java.util.Scanner;  
  
public class 011{  
 public static void main(String[] args) {  
 System.*out*.println("输入学生个数");  
 int count;  
 Scanner sc =new Scanner(System.*in*);  
 count=sc.nextInt();  
 System.*out*.println("学号 姓名 马原成绩 物理成绩 英语成绩");  
 student[] stu = new student[count+1];  
 for (int i = 1; i < count+1; i++) {  
 stu[i]=new student();  
 Scanner st=new Scanner(System.*in*);  
 stu[i].setId(st.nextInt());  
 stu[i].setName(st.next());  
 stu[i].setMath(st.nextFloat());  
 stu[i].setPhysics(st.nextFloat());  
 stu[i].setEnglish(st.nextFloat());  
 }  
 int a=1;  
 while (a<2) {  
 System.*out*.println("1查看全部成绩，2添加修改删除，3统计分数，4查找学生的成绩，5排列某科成绩，0退出");  
 Scanner st1 = new Scanner(System.*in*);  
 int N = st1.nextInt();  
 if (N == 0)  
 break;  
 else  
 switch (N) {  
 case 1:  
 for (int i = 1; i < count + 1; i++) {  
 stu[i].set();  
 }  
 break;  
 case 2:  
 System.*out*.println("加删改学生的学号 课程(1马原，2物理，3英语） 成绩 ");  
 Scanner st2 = new Scanner(System.*in*);  
 int id,grade,na;  
 id=st2.nextInt();  
 na=st2.nextInt();  
 grade= st2.nextInt();  
 switch (na) {  
 case 1:  
 stu[id].setMath(grade);  
 break;  
 case 2:  
 stu[id].setPhysics(grade);  
 break;  
 case 3:  
 stu[id].setEnglish(grade);  
 break;  
 }  
 stu[id].set();  
 break;case 3:  
 System.*out*.println("课程(1马原，2物理，3英语）");  
 Scanner st3 = new Scanner(System.*in*);  
 int A= st3.nextInt();  
 float max=0,min=100,number=0,n;  
 switch (A){  
 case 1:  
 for (int i = 1; i < count+1; i++) {  
 n=stu[i].getMath();  
 number=number+n;  
 if(max<=n) {  
 max = n;  
 }  
 if(min>=n) {  
 min = n;  
 }  
 }  
 System.*out*.println("最大值:"+max+" 最小值:"+min+" 平均值:"+number/count);  
 break;  
 case 2:  
 for (int i = 1; i < count+1; i++) {  
 n=stu[i].getPhysics();  
 number=number+n;  
 if(max<n){  
 max=n;  
 }  
 if(min>n) {  
 min = n;  
 }  
 }  
 System.*out*.println("最大值:"+max+" 最小值:"+min+" 平均值:"+number/count);  
 break;  
 case 3:  
 for (int i = 1; i < count+1; i++) {  
 n=stu[i].getEnglish();  
 number=number+n;  
 if(max<n) {  
 max = n;  
 }  
 if(min>n) {  
 min = n;  
 }  
 }  
 System.*out*.println("最大值:"+max+" 最小值:"+min+" 平均值:"+number/count);  
 break;  
 }  
 break;case 4:  
 System.*out*.println("输入学生学号");  
 Scanner st4=new Scanner(System.*in*);  
 int ID;  
 ID=st4.nextInt();  
 for (int i = 1; i < count+1; i++) {  
 if(ID==i){  
 stu[i].set();  
 }  
 }  
 break;  
 case 5:  
 System.*out*.println("课程(1马原，2物理，3英语）");  
 Scanner st5 = new Scanner(System.*in*);  
 int M;  
 float m;  
 M=st5.nextInt();  
 float[] sd=new float[count];  
 switch (M){  
 case 1:  
 for (int i = 1; i < count+1; i++) {  
 sd[i-1]=stu[i].getMath();  
 }  
 for (int j = 0; j < count; j++) {  
 for (int k = j+1; k < count; k++) {  
 if(sd[j]<sd[k])  
 {  
 m=sd[k];  
 sd[k]=sd[j];  
 sd[j]=m;  
 }  
 }  
 }  
 for (int i = 0; i < count; i++) {  
 System.*out*.print(sd[i]+" ");  
 }  
 break;  
 case 2:  
 for (int i = 1; i < count+1; i++) {  
 sd[i-1]=stu[i].getPhysics();  
 }  
 for (int j = 0; j < count; j++) {  
 for (int k = j+1; k < count; k++) {  
 if(sd[j]<sd[k])  
 {  
 m=sd[k];  
 sd[k]=sd[j];  
 sd[j]=m;  
 }  
 }  
 }  
 for (int i = 0; i < count; i++) {  
 System.*out*.print(sd[i]+" ");  
 }  
 break;  
 case 3:  
 for (int i = 1; i < count+1; i++) {  
 sd[i-1]=stu[i].getEnglish();  
 }  
 for (int j = 0; j < count; j++) {  
 for (int k = j+1; k < count; k++) {  
 if(sd[j]<sd[k])  
 {  
 m=sd[k];  
 sd[k]=sd[j];  
 sd[j]=m;  
 }  
 }  
 }  
 for (int i = 0; i < count; i++) {  
 System.*out*.println(sd[i]+" ");  
 }  
 break;  
 }  
 break;  
 }  
 }  
 }  
  
}