**九**

**package** 暑假作业;

**public** **class** test {

**public** **static** String *name*="fancy";

**private** String mail="myEmail";

**static**{

*name*="static block";

System.***out***.println("静态代码块被执行"+*name*);

}

**public** test(){

mail="2514@qq.com";

System.***out***.println("构造器代码块被执行"+*name*);

}

{

mail="abc2qq.com";

System.***out***.println("非静态代码块被执行");

}

**public** **void** setName(String name){

**this**.*name*=name;

System.***out***.println("setNmae is called");

}

**public** **static** **void** main(String[] args) {

// **TODO** 自动生成的方法存根

test st=**new** test();

st.setName("Dongwang");

// test.name="Tom";

}

}

十

**package** 暑假作业;

**public** **class** test1 {

**public** **static** **void** main(String[] args) {

// **TODO** 自动生成的方法存根

**int** sum=0;

**int** sum1=0;

**int** MyArray[]={10,20,30,40,50,60,70};

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

**if**(i%2==1)

sum+=MyArray[i];

**if**(i%3==0)

sum1+=MyArray[i];

}

System.***out***.print(sum+" "+sum1);

}}

十一

**package** 暑假作业;

**import** java.util.Arrays;

**import** java.util.Scanner;

**public** **class** test1 {

**public** **static** **void** main(String[] args) {

// **TODO** 自动生成的方法存根

Scanner sc=**new** Scanner(System.***in***);

**int** n=sc.nextInt();

**double**[] num=**new** **double**[n];

**double**[][] str=**new** **double** [n][2];

**for**(**int** i=0;i<n;i++){

str[i][0]=sc.nextDouble();

str[i][1]=sc.nextDouble();

}

**double** min=100.0;

**int** row=0;

**for**(**int** i=0;i<n;i++){

num[i]=Math.*sqrt*(str[i][0]\*str[i][0]+str[i][1]\*str[i][1]);

**if**(num[i]<min){

min=num[i];

row=i;

}

}

System.***out***.println(num[row]);

}

}

十二

**package** 暑假作业;

**import** java.util.Scanner;

**public** **class** test3 {

**public** **static** **void** main(String[] args) {

// **TODO** 自动生成的方法存根

Scanner sc=**new** Scanner(System.***in***);

**int** n=sc.nextInt();

**int**[] num=**new** **int**[n];

**for**(**int** i=0;i<n;i++){

num[i]=sc.nextInt();

}

**int** Q=sc.nextInt();

**int** l,r;

**for**(**int** i=0;i<Q;i++){

**int** x=sc.nextInt();

l=0;r=n-1;

**while**(l<=r){

**int** mid=(l+r)/2;

**if**(num[mid]>x){

r=mid-1;

}

**else** **if**(num[mid]<x)

l=mid+1;

**else**

{System.***out***.print(mid+1);**break**;}

}

}

}

}

十四

package 暑假作业;

import java.util.Arrays;

import java.util.Scanner;

public class test1 {

static class Food implements Comparable<Food>{

String name;

int speed,power;

public Food(){}

public Food(String Name,int Speed,int Power){

this.name=Name;

this.speed=Speed;

this.power=Power;

}

public int comparable(Food x){

return this.speed\*x.power>x.speed\*this.power?1:-1;

}

@Override

public int compareTo(Food arg0) {

// TODO 自动生成的方法存根

return 0;

}

}

public static void main(String[] args) {

// TODO 自动生成的方法存根

Scanner sc=new Scanner(System.in);

int n=sc.nextInt();

Food[] food=new Food[n];

String k=sc.nextLine();

for(int i=0;i<n;i++){

String x[] = sc.nextLine().split(" ");

food[i] = new Food(x[0],Integer.valueOf(x[1]),Integer.valueOf(x[2]));

}

Arrays.sort(food);

for(int i=0;i<n;i++){

System.out.print(food[i].name);

}

}

}

十五

**package** 暑假作业;

**import** java.util.\*;

**public** **class** test1 {

**static** **class** Paper **implements** Comparable<Paper>{

String name;

**int** number;

**public** Paper(){}

**public** Paper(String Name,**int** Num){

**this**.name=Name;

**this**.number=Num;

}

**public** **int** comparable(Paper x){

**if**(name.equals(x.name)&&x.number==number)

**return** 0;

**if**(name.equals(x.name))

**return** **this**.number>x.number?1:-1;

**return** name.compareTo(x.name)>0?1:-1;

}

@Override

**public** **int** compareTo(Paper arg0) {

// **TODO** 自动生成的方法存根

**return** 0;

}

}

**public** **static** **void** main(String[] args) {

// **TODO** 自动生成的方法存根

Scanner sc=**new** Scanner(System.***in***);

**int** n=sc.nextInt();

Set<Paper> st = **new** TreeSet<>();

String k=sc.nextLine();

**for**(**int** i=0;i<n;i++){

String s[] = sc.nextLine().split(" ");

Paper x=**new** Paper(s[0],Integer.*valueOf*(s[1]));

st.add(x);

}

**if**(st.size()==52)

System.***out***.print("Yes");

**else**

System.***out***.print("No");

}

}

十六

**package** 暑假作业;

**import** java.util.Scanner;

**public** **class** test {

**public** **static** **void** main(String[] args) {

// **TODO** 自动生成的方法存根

Scanner sc=**new** Scanner(System.***in***);

**int** n=sc.nextInt();

**int** k=sc.nextInt();

**int**[] a=**new** **int**[n];

**int** sum=0;

**for**(**int** i=0;i<n;i++){

a[i]=sc.nextInt();

sum+=a[i];

}

sum=n-sum;

**int** ans=sum/k+1;

System.***out***.println(ans);

}

}

十七

**package** 暑假作业;

**import** java.util.Scanner;

**public** **class** test {

**public** **static** **void** main(String[] args) {

// **TODO** 自动生成的方法存根

Scanner sc=**new** Scanner(System.***in***);

**int** n=sc.nextInt();

String[] Mp=**new** String[n+1];

sc.nextLine();

**for**(**int** i=0;i<n;i++){

Mp[i]=sc.nextLine();

}

**int** m=sc.nextInt();

sc.nextLine();

**for**(**int** i=0;i<m;i++){

String x=sc.nextLine();

**for**(**int** j=0;j<n;j++){

**if**(Mp[j].length()>=x.length()){

**if**(Mp[j].substring(0,x.length()).equals(x)){

System.***out***.print(Mp[j]+" ");

}

}

}

System.***out***.print("\n");

}

}

}

**十八**

**package** 暑假作业;

**import** java.util.Scanner;

**public** **class** test {

**public** **static** **void** main(String[] args) {

// **TODO** 自动生成的方法存根

Scanner sc=**new** Scanner(System.***in***);

**int** n=sc.nextInt();

String[] a=**new** String[n+1];

sc.nextLine();

**for**(**int** i=0;i<n;i++){

a[i]=sc.nextLine();

}

**int** m=sc.nextInt();

sc.nextLine();

**for**(**int** i=0;i<m;i++){

String x=sc.nextLine();

**for**(**int** j=0;j<n;j++){

**if**(a[j].length()>=x.length()){

**if**(a[j].substring(0, x.length()).equals(x)){

System.***out***.print(a[j]+" ");

}

}

}

System.***out***.print("\n");

}

}

}

十九