import java.util.Scanner;

public class HelloWorld{

public class Car {

public String name;

public int money;

public void printmoney(){

System.out.print(money+"元/天"+"\t"); //在同一个缓冲区内横向跳8个空格，也称"\t"为制表符。

}

}

public interface zaihuo { //定义了一个公共接口zaihuo，类型为public所有类都可以访问

public void printzaihuo(); //定义一个空方法printzaihuo

}

public interface zairen {

public void printzairen(); //定义一个空方法printzairen

}

public class yiweike extends Car implements zaihuo { //类yiweike继承Car，接口为zaihuo

int size=20;

public void printzaihuo() { //实现接口中的方法,接口中的方法只是定义了，如果想使用接口中的方法，必须把方法具体化

System.out.print("载货："+size+"吨");

}

}

public class mazida6 extends Car implements zairen {

int size=4;

public void printzairen() {

System.out.print("载人："+size+"人");

}

}

public class pikaxue6 extends Car implements zairen, zaihuo {

int size1=4;

int size2=2;

public void printzaihuo() {

System.out.print("载货："+size2+"吨");

}

public void printzairen() {

System.out.print("载人："+size1+"人");

}

}

public class jinglong extends Car implements zairen {

int size=20;

public void printzairen() {

System.out.print("载人："+size+"人");

}

}

public class songhuajiang extends Car implements zaihuo {

int size=4;

public void printzaihuo() {

System.out.print("载货："+size+"吨");

}

}

public class aodia4 extends Car implements zairen {

int size=4;

public void printzairen() {

System.out.print("载人："+size+"人");

}

}

public static void main(String[] args) {

System.out.println("\n"+"\n"+"\n"+"\n"+"欢迎使用嗒嗒租车系统："+"\n"+"您是否要租车：1是 0否");

Scanner i=new Scanner(System.in);

int a=i.nextInt();

if(a!=1)

System.out.println("您已退出系统！");

else {

System.out.println("您可以租车的类型及其价目表："+"\n"+"序号"+"\t"+"汽车名称"+"\t"+"租金"+"\t"+"容量");

HelloWorld q=new HelloWorld();

aodia4 car1=q.new aodia4();

mazida6 car2=q.new mazida6();

pikaxue6 car3=q.new pikaxue6();

jinglong car4=q.new jinglong();

songhuajiang car5=q.new songhuajiang();

yiweike car6=q.new yiweike();

car1.name="奥迪A4";

car2.name="马自达6";

car3.name="皮卡雪6";

car4.name="金龙";

car5.name="松花江";

car6.name="依维柯";

car1.money=500;

car2.money=400;

car3.money=450;

car4.money=800;

car5.money=400;

car6.money=1000;

car1.size=4;

car2.size=4;

car3.size1=4;car3.size2=2;

car4.size=20;

car5.size=4;

car6.size=20;

System.out.print("1."+"\t"+car1.name+"\t");

car1.printmoney();

car1.printzairen();

System.out.print("\n"+"2."+"\t"+car2.name+"\t");

car2.printmoney();

car2.printzairen();

System.out.print("\n"+"3."+"\t"+car3.name+"\t");

car3.printmoney();

car3.printzairen();

car3.printzaihuo();

System.out.print("\n"+"4."+"\t"+car4.name+"\t");

car4.printmoney();

car4.printzairen();

System.out.print("\n"+"5."+"\t"+car5.name+"\t");

car5.printmoney();

car5.printzaihuo();

System.out.print("\n"+"6."+"\t"+car6.name+"\t");

car6.printmoney();

car6.printzaihuo();

System.out.println("\n"+"请输入您要租用汽车的数量");

Scanner num=new Scanner(System.in);

int c=num.nextInt();

int[] e=new int[10];

for(int t=1;t<=c;t++) {

System.out.println("请输入第"+t+"辆车的编号");

Scanner j=new Scanner(System.in);

e[t]=j.nextInt();

}

System.out.println("请输入租车天数");

Scanner x=new Scanner(System.in);

int k=x.nextInt();

System.out.println("您的账单："+"\n"+"\*\*\*\*可载人的车有：");

int sum=0;

for(int t=1;e[t]!='\0';t++) {

if(e[t]==1) {

System.out.print(car1.name+"\t");

sum+=car1.size;

}

if(e[t]==2) {

System.out.print(car2.name+"\t");

sum+=car2.size;

}

if(e[t]==3) {

System.out.print(car3.name+"\t");

sum+=car3.size1;

}

if(e[t]==4) {

System.out.print(car4.name+"\t");

sum+=car4.size;

}

}

System.out.println("共载人："+sum+"人");

sum=0;

System.out.println("\*\*\*\*可载货的车有：");

for(int t=1;e[t]!='\0';t++) {

if(e[t]==3) {

System.out.print(car3.name+"\t");

sum+=car3.size2;

}

if(e[t]==5) {

System.out.print(car5.name+"\t");

sum+=car5.size;

}

if(e[t]==6) {

System.out.print(car6.name+"\t");

sum+=car6.size;

}

}

System.out.println("共载货："+sum+"吨");

sum=0;

for(int t=1;e[t]!='\0';t++) {

if(e[t]==1) {

sum+=car1.money;

}

if(e[t]==2) {

sum+=car2.money;

}

if(e[t]==3) {

sum+=car3.money;

}

if(e[t]==4) {

sum+=car4.money;

}

if(e[t]==5) {

sum+=car5.money;

}

if(e[t]==6) {

sum+=car6.money;

}

}

double s=sum;

System.out.println("\*\*\*租车总价格为："+k\*s+"元");

}

}

}