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package vehcil;

public class vehcil {
    private int passengers;
    private int fuelcap;
    private int mpg;
    private String make ;
    private int yearmodel ;
    private int topspeed;

    public int range() {
        return mpg*fuelcap;
    }

    double fuelneeded(int miles) {
        return (double) miles / mpg;
    }

    vehcil (int p,int f,int m , String ma, int y , int t){

        this.passengers=p;
        this.fuelcap=f;
        this.mpg= m;
        this.make=ma;
        this.yearmodel=y;
        this.topspeed=t;

    }

    public int getpassengers() {
        return
            passengers;
    }
    public void setPassengers(int passengers) {
        this.passengers = passengers;
    }
    public int getfuelcap() {
        return
            fuelcap;
    }
    public void setfuelcap(int fuelcap) {

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        this.fuelcap = fuelcap;
    }
    public int getmpg() {
        return
            mpg;
    }
    public void setmpg(int mpg) {
        this.mpg=mpg;
    }
    public String getmake () {
        return
            make ;
    }
    public void setmpg(String make) {
        this.make=make;
    }

    public int getyearmodel() {
        return
            yearmodel;
    }
    public void setyearmodel(int yearmodel) {
        this.yearmodel=yearmodel;
    }
    public int gettopspeed() {
        return
            topspeed;
    }
    public void setytopspeed(int topspeed) {
        this.topspeed=topspeed;
    }

    public String toString (){
        return
            passengers+" "+ fuelcap+" "+mpg+ " "+make+"
"+yearmodel+" "+topspeed ;
    }
}

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package vehcil;

import java.io.ObjectInputStream.GetField;

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public class program {

    public static void main(String[] args) {
        // TODO Auto-generated method stub

        vehcil minivan = new vehcil(7,16,21,"mmd",2021,300);
        vehcil sportcar= new vehcil(8,22,30,"ndd",2022,600);

        if (minivan.getyearmodel() > sportcar.getyearmodel() ) {
            System.out.println(minivan);
        } else {
            System.out.println( sportcar);
        }

        System.out.println("the passengers
:" + minivan.getpassengers() + "the fuelcap :" + minivan.getfuelcap() + "the
mpg :" + minivan.getmpg() + "the make :" + minivan.getmake() +
        "the yearmodel :" + minivan.getyearmodel() + "the topspeed
:" + minivan.gettopspeed());

        System.out.println(minivan);

        System.out.println("the passengers
:" + sportcar.getpassengers() + "the fuelcap :" + sportcar.getfuelcap() + "the
mpg :" + sportcar.getmpg() + "the make :" + sportcar.getmake() +
        "the yearmodel :" + sportcar.getyearmodel() + "the topspeed
:" + sportcar.gettopspeed());

        System.out.println(sportcar);

    }

}

```