Design a Traffic Controller System for a Junction

# class:trafficLamp

states:Boolean islighted, string opposite, string next

string currentStatus=null;

behavior:void light(){

this.lighted=true;

system.out.println(“this lamp is green, you can pass”)

}

Void rurnRed(){

}

Void next(){

Switch()

# class:road

states:List<string>vechicles=new arrayList<string>;,

string name;

behavior: void run(){

# class: lampController

states:currentLamp

# Main class

string[]direction=new trafficLamp{ S2N","S2W","E2W","E2S","N2S","N2E","W2N","S2E","E2N",

         "N2W","W2S"}