***Classes***

**Road**

Variables

* Segment count

Methods

* Set segment count
* Get segment count
* Set traffic light
* Get traffic light

**Car**

Variables

* segment
* Road

Methods

* Move
* Position set
* Position get
* Road set
* Road get

**Traffic light**

Variables

* Colour
* Rate of change

Methods

* Stop car
* Set colour
* Get colour
* Set rate of change
* Get rate of change

**Main**

Variables

* Road simulation char
* Simulation step speed

**UML Diagrams**