

CarTrafficLight
-greenPin:int -yellowPin:int -redPin:int -greenTime:long -yellowTime:long -redTime:long -previousMillis:long -currentstate:State -previousstate:State -isbuttonpressed:bool
+ trafficlight(g,y,r,gTime,y,Time,rTime) +begin() +update() +requestPedestrianCrossing() +isRed() +isGreen() +isYellow() +setup() -switchto(nextState:State) -turnOn(pin:int)

PedestrianTrafficLight
-greenPin:int -yellowPin:int -buttonPin:int -currentstate:state -lastButtonState:bool -isRed:bool -isGreen:bool
+ PedestrianTrafficLight(g,r,button) +setGreen() +setRed()