**ROBOTICS MINI PROJECT**

import ch.aplu.robotsim.\*;

public class miniproject {

miniproject(){

LegoRobot r=new LegoRobot();

Gear g = new Gear();

LightSensor ls= new LightSensor(SensorPort.S3);

r.addPart(g);

r.addPart(ls);

g.forward();

g.setSpeed(100);

while(true){

int v =ls.getValue();

if(v >= 1000)

g.forward();

if(v < 1000)

g.left();

if(v<100)

g.stop();

}

}

static {

RobotContext.setStartPosition(430,230);

RobotContext.useBackground("sprites/yellowpath.gif");

}

public static void main (String args[]){

miniproject m =new miniproject();

}}

