MINI PROJECT

**AIM:** CREATE A ROBOT WHICH WILL MOVE ONLY ON YELLOW PATH IN GIVEN IMAGE.

# CODE:

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[]){new Miniproject();

}

}

# OUTPUT:

