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: