

## 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:

