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)
```

```java
      g.stop();


  }
  }
  static {

    RobotContext.setStartPosition(430,230);

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

  }
  public static void main (String args[]){

    new Miniproject();

  }


}
```

OUTPUT: