Sayli Bhor ROLL NO: 537

## **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 Is= new LightSensor(SensorPort.S3);
    r.addPart(g);
    r.addPart(Is);
    g.forward();
    g.setSpeed(100);
    while(true){
    int v =ls.getValue();
    if(v >= 1000)
    g.forward();
    if(v < 1000)
    g.left();
    if(v < 100)
```

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```
g.stop();

}

static {

RobotContext.setStartPosition(430,230);

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

public static void main (String args[]){
    new Miniproject();
}
```

## **OUTPUT:**

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