

```
1  from threading import Thread
2
3
4  class toyRun(Thread):
5      def __init__(self, config):
6          self.config = config
7          self.drive = config.drive
8          self.wait = config.timer.wait
9
10     def run(self):
11         self.drive.setHead()
12
13         self.drive.moveDist(220, heading=0)
14
15         self.drive.turnTo(25)
16         self.drive.moveDist(620)
17         self.drive.turnTo(0)
18
19         self.drive.moveDist(150, heading=0)
20
21         self.drive.moveDist(-222, heading=0)
22         self.drive.spinTo(90)
23
24         self.drive.lineFollower(mode=1, speed=120, kp=0.3, ki=0, kd=0)
25         self.drive.setHead(90)
26
27         self.drive.moveLight(self.config.Rlight, [0, 10], heading=90)
28         self.drive.moveDist(270, heading=90)
29         self.drive.turnTo(130)
30
31         self.drive.moveDist(80, heading=135)
32
33         self.drive.moveDist(-100)
34         self.drive.turnTo(90)
35         self.drive.moveDist(400)
36         self.drive.spinTo(180)
37
38         self.drive.moveDist(-150)
39         self.drive.turnTo(160)
40
41         self.config.state.setState(1)
42
```