```
when started
repeat until (position X in mm > 900) or (position X in mm < -900) and (position Y in mm > 900) or (position Y in mm < -900)
    turn left for 90 degrees
    drive forward for 900 mm
    drive reverse for 1800 mm
    turn right for 90 degrees
    drive forward for 200 mm
    turn left for 90 degrees
    drive forward for 1800 mm
    turn right for 90 degrees
    drive forward for 200 mm
stop driving
```

```
turn right for 90 degrees
```

```
drive forward for 200 mm
```