

//Theo Parker

```
import stanford.karel.*;
```

```
public class CleanStairs extends Karel
{
    public void run()
    {
        while (frontIsBlocked()) {
            goUpOneStep();
            pickBeeper();
        }

        //karel celebrates!
        endSequence();
    }

    public void goUpOneStep() {
        turnLeft();
        move();
        turnRight();
        move();
    }

    public void turnRight() {
        for(int i =0; i < 3; i++){
            turnLeft();
        }
    }

    public void endSequence() {
        move();
        move();
        turnRight();
        while (frontIsClear()) {
            descend();
        }
        turnLeft();
    }

    public void spin() {
        for (int i=0;i<4; i++){
            turnLeft();
        }
    }

    public void descend() {
        move();
        spin();
    }
}
```