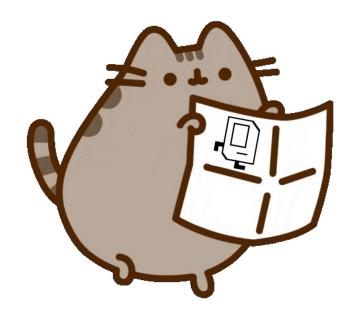
Karel Reference

move()	front_is_blocked()
turn_left()	beepers_present()
<pre>put_beeper()</pre>	left_is_blocked()
pick_beeper()	right_is_blocked()
front_is_clear()	beepers_in_bag()



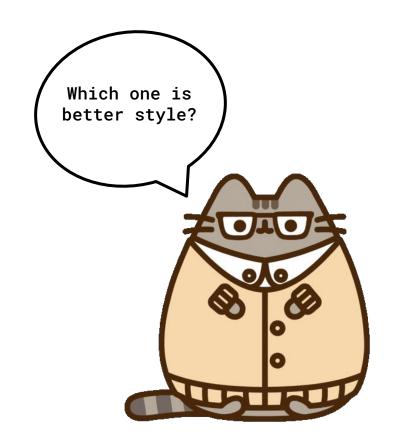
Loops

```
# could be any distance to the wall
def move_to_wall():
    while front_is_clear():
        move()
# always 10 moves to the wall
def move_to_wall():
    for i in range(10):
        move()
```



Control Flow

```
def turn1():
    if front_is_clear():
        turn_left()
    if front_is_blocked():
        turn_right()
def turn2():
    if front_is_clear():
        turn_left()
    else:
         turn_right()
```



Control Flow

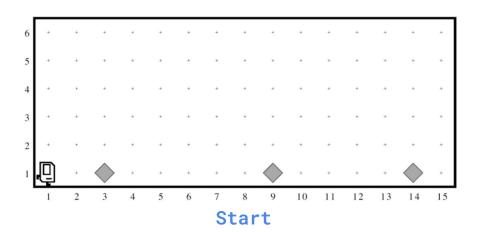
```
def turn1():
    if front_is_clear():
         turn_left()
    if beeper_present():
        move()
def turn2():
    if facing_north():
         turn_left()
    if not_facing_north():
         turn_right()
```

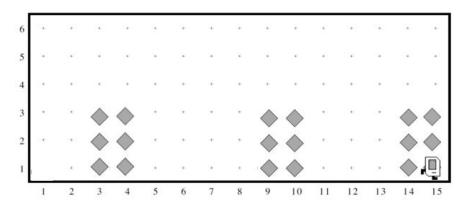


Section Problem

Hospital Karel



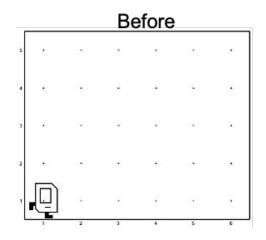


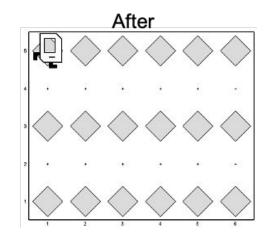


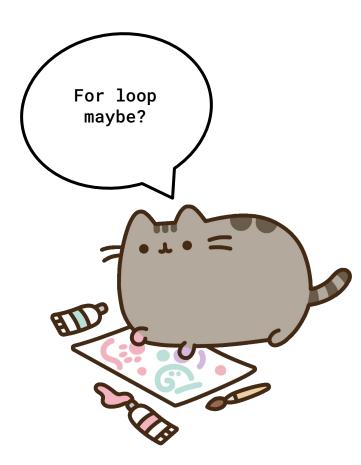
End

Quickstart

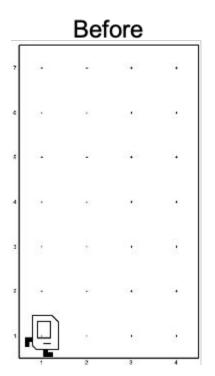
Stripe Karel

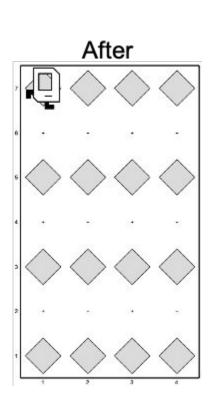






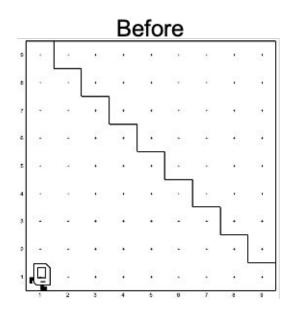
Stripe Karel

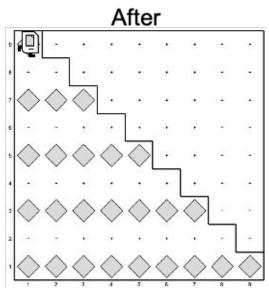


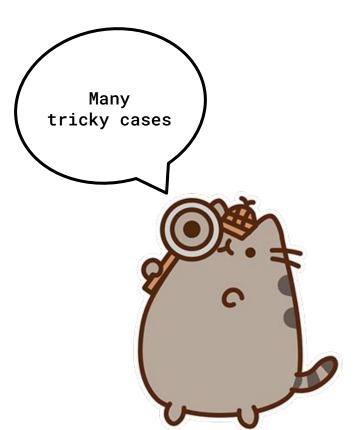




Stripe Karel







Project