

Challenge: Decompose repeating patterns into functions and `for` loops.

You've learned about the basics of **coding**, and you've solved a lot of puzzles with your character. Now that you know about **commands**, **functions**, and **for loops**, you're ready to combine your skills for this challenge!

There are three stairways in the puzzle world, and each shares the same set of tasks to perform. Can you figure out the **pattern** for the tasks and write the code?

```
// Entire program can be written much more cleanly with code from  
    upcoming lessons (while loop and if, else statements)  
  
func upAndBack() {  
    moveForward()  
    moveForward()  
    turnRight()  
    moveForward()  
    moveForward()  
    moveForward()  
    moveForward()  
    moveForward()  
    moveForward()  
    toggleSwitch()  
    turnLeft()  
    turnLeft()  
    moveForward()  
    moveForward()  
    moveForward()  
    moveForward()  
    moveForward()  
    moveForward()  
    moveForward()  
    turnRight()  
}  
  
for i in 1 ... 3 {
```

```
upAndBack ( )
```

```
}
```