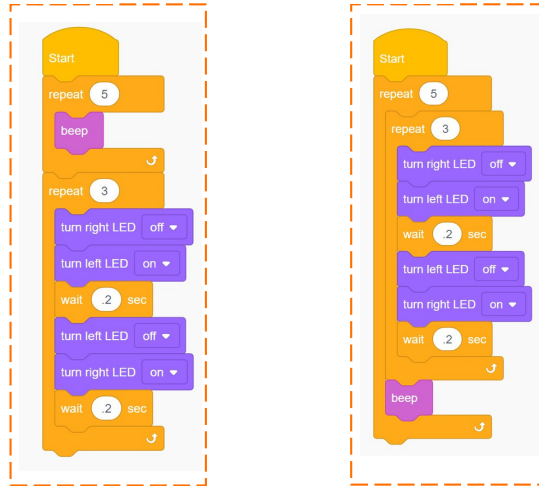


# Student Journal

## U3-1.4 Let's explore stacking and nesting loops

### Task 1: What's going to happen?

Look at the following programs and answer the questions about what is going to happen in each program.



1. In program 1, how many times will the right LED turn on?  
\_\_\_\_\_
2. In program 1, which will finish first: all of the beeps or all of the LED flashes?  
\_\_\_\_\_
3. In program 2, how many times will the right LED turn on?  
\_\_\_\_\_
4. In program 2, which will finish first: all of the beeps or all of the LED flashes?  
\_\_\_\_\_

### Task 2: Drive the pattern

5. Look at the pattern on activity sheet U3-6. How would you describe the pattern?  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

6. How do you think you can use a nested loop to help you write an efficient program for your Edison robot to drive the pattern on the activity sheet?  
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\_\_\_\_\_  
\_\_\_\_\_