# Functions and Fractals - Recursive Trees - Bash!

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 11	
 111	
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 11	
 11	
 11	

	ree from Y-shape	d branches		
his challenge involve	s the construction of	f trees, in the form (	of ASCII Art.	
	of iterations, and ye	ou need to generate	ep repeating the pattern the ASCII version of the are provided below.	
	cores and ones as sh		d 100 columns in the gric rtical segment and the sl	
	1	1		
	11	1		
	11	1 1		
	11	1		
	11	1		
	1 1	1 1		
	1 1	1 _1		
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	l_ 1	•		
	1 1 1			

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## Iteration #2

At the top of the left and right branches of the first Y, we now add a pair of Y-shapes, which are half the size of the original Y.

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11	
1111	
1 - 1 - 1	
<u> </u>	
1 1 1	
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11	
1 1	
1 1	
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_11	
11	
1	
 1	-
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 <sup>+</sup> 1	-
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 	_
 <sup>1</sup>	_

### **Input Format**

A single integer, N.

#### **Constraints**

N <= 5

#### **Output Format**

The N<sup>th</sup> iteration of the Fractal Tree, as shown above. It should be a matrix of 63 rows and 100 columns. (i.e. 6300 printable characters) It should be composed entirely of underscores and ones, in a manner similar to the examples provided. Do not include any extra leading or trailing spaces.