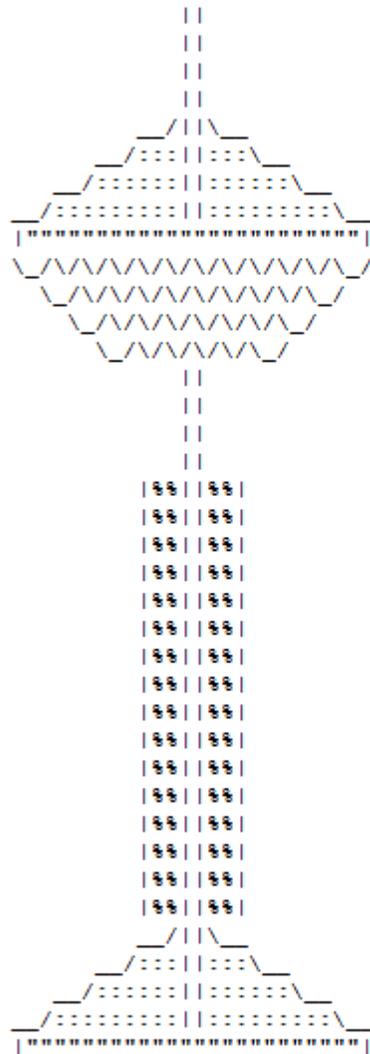


Project #3—Scalable Space Needle

DUE: 2/27/2014



May the fours be with you-- that's a hint. (Start with line 7 and add spaces to align the two pipe symbols.)

1	123456789012	1	12 sp, 1
2	123456789012	2	12 sp, 1
3	123456789012	3	12 sp, 1
4	123456789012	4	12 sp, 1
5	123456789 / \	1	9 sp, 1 /, 0 :, 1 , 0 :, 1 \
6	123456 /::: :::\	2	6 sp, 1 /. 3 :, 1 , 3 :, 1 \
7	123 /::::: :::::\	3	3 sp, 1 /. 6 :, 1 , 6 :, 1 \
8	/::::: :::::\	4	0 sp, 1 /. 9 :, 1 , 9 :, 1 \
9	""""""""""	0	0 sp, 1 , 24 ", 1
10	_/\//\//\//\//\//\//\//\//_/_/	1	0 sp, 1\ /, 10 \/, 1 \ /
11	12_/\//\//\//\//\//\//_/_/	2	2 sp, 1 \ /, 8 \/, 1 \ /
12	1234_/\//\//\//\//\//_/_/	3	4 sp, 1 \ /, 7 \/, 1 \ /,
13	123456_/\//\//\//\//_/_/	4	6 sp, 1 \ /, 5 \/, 1 \ /,
14	123456789012	1	12 SP, 1
15	123456789012	2	12 SP, 1
16	123456789012	3	12 SP, 1
17	123456789012	4	12 SP, 1
18	123456789 %% %%	1	9 SP, 1 , 1 %% 1 , 1 %% 1
19	123456789 %% %%	2	9 SP, 1 , 1 %% 1 , 1 %% 1
20	123456789 %% %%	3	9 SP, 1 , 1 %% 1 , 1 %% 1
21	123456789 %% %%	4	9 SP, 1 , 1 %% 1 , 1 %% 1
22	123456789 %% %%	5	9 SP, 1 , 1 %% 1 , 1 %% 1
23	123456789 %% %%	6	9 SP, 1 , 1 %% 1 , 1 %% 1
24	123456789 %% %%	7	9 SP, 1 , 1 %% 1 , 1 %% 1
25	123456789 %% %%	8	9 SP, 1 , 1 %% 1 , 1 %% 1
26	123456789 %% %%	9	9 SP, 1 , 1 %% 1 , 1 %% 1

To summarize, you should not worry about the constant at first. Write an initial program without a constant, using loop tables or pseudocode to help you deduce the patterns in the output. After your figure looks correct at the default size, begin a second version with the constant. Use the Rocket Science class project as a model for adding a constant.