Pattern lab CSCI 2270 Fall 2014

Examine this fractal pattern of asterisks and blanks, and write a recursive method that can generate patterns such as this:

With recursive thinking, the method needs only seven or eight lines of code (including two recursive calls). Your method should look like this:

```
void pattern(ostream& outs, int n, int i) // Precondition: n is a power of 2 greater than zero. // Postcondition: A pattern based on the above example has been // printed. The longest line of the pattern has // n stars beginning in column i of the output. For example, // the above pattern is produced by the call pattern(8, 0). Hints: You do not need to check the precondition. Think about how the pattern is a fractal. Can you find two smaller versions of the pattern within the large pattern? Here is some code that may be useful within your method:  
// A loop to print exactly i spaces: for (k = 0; k < i; k++) outs << " ";
```