**Complexity Order**

Our program has five algorithmic applications within our six functions. The draw\_grid function contains two for loops. The function passPoint contains a triple nested for loop. The function print has one for loop. The function DrawLine does not contain an algorithmic application. The function printResidue contains one for loop. The function testResidue does not contain an algorithmic application.

The program uses for loops and iterates through an array. In total there are four for loops which have a complexity of O(N) for each loop. There is also a triple nested loop which has a complexity of O(N^3).

This creates the total complexity of:

O(N) + O(N) + O(N) + O(N) + O(N^3)

This combines to:

4(N) + N^3

Which simplifies to:

N + N^3

Therefore, the final complexity of our program is N+N^3.