1   Results

Stoichiometry The relationship between the relative quantities of substances taking part in a reaction or forming a compound, typically a ratio of whole integers.

Atomic mass The mass of an atom of a chemical element expressed in atomic mass units. It is approximately equivalent to the number of protons and neutrons in the atom (the mass number) or to the average number allowing for the relative abundances of different isotopes.

Listing 1: A sample

```
/**
 * This program prints out the first 20 numbers in the
     Fibonacci sequence.
 * Each number is formed by adding together the previous two
     numbers in the
 * sequence, starting with the numbers 0 and 1.
 **/
public class Fibonacci {
  public static void main(String[] args) {
    int current, prev = 1, prevprev = 0;// Initialize some
        variables
    for(int i = 0; i < 20; i++) {        // Loop exactly 20
        times
      current = prev + prevprev;         // Next number is sum
          of previous two
      System.out.print(current + " ");  // Print it out
      prevprev = prev;                   // First previous
          becomes 2nd previous
      prev = current;                    // And current number
          becomes previous
    }
    System.out.println();                // Terminate the line,
        and flush output
  }
}
```