



A network graph is overlaid on the code, consisting of numerous circular nodes and connecting lines. The nodes are color-coded: purple for keywords (public, static, while, return), blue for data types (int, float), and orange for variables and literals (number1, number2, numbers, result, 0, 1). The edges represent the relationships between these elements, such as variable declarations, assignments, and function calls.

```
public static float compute(int[] numbers) {  
    int number1 = 0;  
    int number2 = 0;  
  
    while (number1 < numbers.length) {  
        number2 = number2 + numbers[number1];  
        number1 = number1 + 1;  
    }  
  
    float result = number2 / (float) number1;  
    return result;  
}
```