

```
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;  
}
```

The image displays a network graph overlaid on a Java code snippet. The graph consists of numerous nodes and edges. The nodes are colored based on the lines they represent: purple for variable declarations and assignments, red for loop conditions and array access, orange for arithmetic operations, and yellow for return and division operations. The edges connect these nodes, showing the flow of data and control between different parts of the code. The code itself is a function named 'compute' that takes an integer array 'numbers' and returns a float result. It initializes two integers, 'number1' and 'number2', to 0. It then enters a 'while' loop that iterates over the array, accumulating the sum of its elements in 'number2' and incrementing 'number1'. After the loop, it calculates the average by dividing 'number2' by 'number1' (cast to float) and returns the result.