

```
public static int compute(int number) {  
    int result = 0;  
  
    while (number != 0) {  
        result += number % 10;  
        number /= 10;  
    }  
  
    return result;  
}
```

The image shows a network graph overlaid on a Java code snippet. The graph consists of numerous nodes, represented by semi-transparent circles of various colors (grey, orange, purple, yellow), and edges, represented by thin lines connecting these nodes. The nodes are distributed across the image, with a high concentration in the central area where the while loop is located. The edges form a complex web, particularly dense around the loop's body, suggesting a high degree of connectivity or interaction between the elements represented by the nodes in that region. The code itself is a simple function to calculate the sum of digits of a number, and the graph likely represents a static analysis or dependency graph of the code.