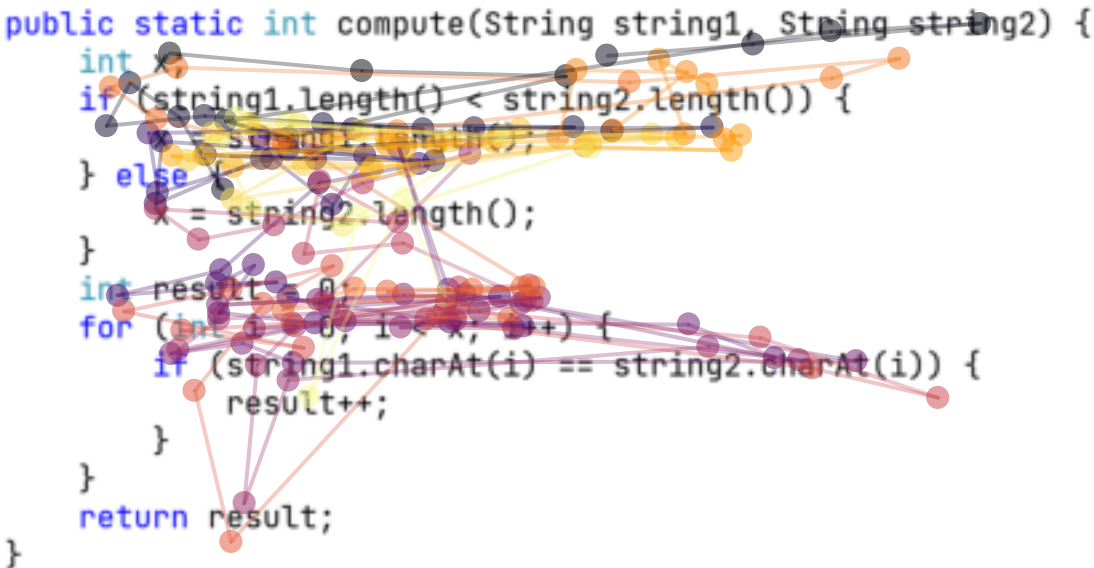


```
public static int compute(String string1, String string2) {  
    int x;  
    if (string1.length() < string2.length()) {  
        x = string1.length();  
    } else {  
        x = string2.length();  
    }  
    int result = 0;  
    for (int i = 0; i < x; i++) {  
        if (string1.charAt(i) == string2.charAt(i)) {  
            result++;  
        }  
    }  
    return result;  
}
```

A network graph is overlaid on the code, with nodes and edges colored in orange, yellow, purple, and red. The nodes are small circles, and the edges are thin lines connecting them. The graph is dense, with many connections between nodes. The colors of the nodes and edges correspond to the colors of the code: orange for 'int', yellow for 'if', purple for 'else', and red for 'for' and 'if' inside the loop. The graph is centered over the code, with nodes placed near the keywords and edges connecting them. The graph is a complex, interconnected network of nodes and edges, with a high degree of connectivity. The nodes are distributed across the code, with a higher density in the middle sections. The edges are thin lines, some straight and some curved, connecting the nodes. The overall appearance is that of a complex, interconnected network of nodes and edges, with a high degree of connectivity. The nodes are small circles, and the edges are thin lines connecting them. The graph is dense, with many connections between nodes. The colors of the nodes and edges correspond to the colors of the code: orange for 'int', yellow for 'if', purple for 'else', and red for 'for' and 'if' inside the loop. The graph is centered over the code, with nodes placed near the keywords and edges connecting them. The graph is a complex, interconnected network of nodes and edges, with a high degree of connectivity. The nodes are distributed across the code, with a higher density in the middle sections. The edges are thin lines, some straight and some curved, connecting the nodes. The overall appearance is that of a complex, interconnected network of nodes and edges, with a high degree of connectivity.