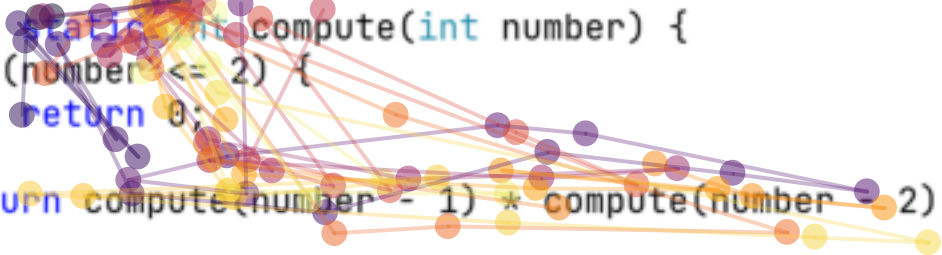


```
public static int compute(int number) {  
    if (number <= 2) {  
        return 0;  
    }  
    return compute(number - 1) * compute(number - 2);  
}
```



The image features a network diagram overlaid on a code snippet. The diagram consists of numerous circular nodes, each with a unique color (including shades of purple, blue, orange, yellow, and red). These nodes are interconnected by a web of thin, semi-transparent lines in various colors (purple, blue, orange, yellow, and red). The nodes are distributed across the image, with a higher density in the upper-left quadrant and a more sparse arrangement towards the bottom-right. The code snippet is a Java method named 'compute' that takes an 'int' parameter 'number' and returns an 'int'. It includes a base case where 'number' is less than or equal to 2, returning 0, and a recursive case where it returns the product of 'compute(number - 1)' and 'compute(number - 2)'. The code is written in a monospaced font, with some keywords like 'public', 'static', 'int', 'if', 'return', and 'number' highlighted in blue. The network diagram appears to be a visualization of a complex system, possibly representing a social network, a data structure, or a computational graph, with the nodes and edges forming a dense, interconnected web.