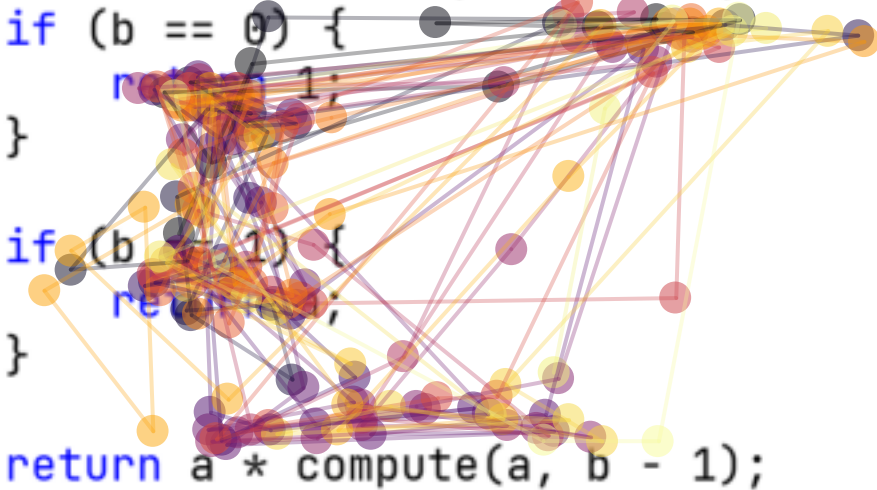


```
public static int compute(int a, int b) {  
    if (b == 0) {  
        return 1;  
    }  
    if (b == 1) {  
        return a;  
    }  
    return a * compute(a, b - 1);  
}
```



The image displays a code snippet for a recursive function `compute` in Java. The code is as follows:

```
public static int compute(int a, int b) {  
    if (b == 0) {  
        return 1;  
    }  
    if (b == 1) {  
        return a;  
    }  
    return a * compute(a, b - 1);  
}
```

Overlaid on the code is a complex network graph. The graph consists of numerous nodes, represented by colored circles (purple, orange, yellow, and grey), and a dense web of edges connecting them. The nodes are distributed across the image, with a high concentration in the middle section where the `if` statements and the recursive call are located. The edges are thin lines of various colors (purple, orange, yellow, and grey) that connect the nodes, creating a complex, interconnected structure. The graph appears to represent relationships between different parts of the code, such as variables, operators, and control flow.