

```
public static int compute(int value) {  
    if (value == 1) {  
        return 1;  
    }  
    return compute(value - 1) * value;  
}
```

The image displays a network graph overlaid on a code snippet. The graph consists of numerous nodes, represented by semi-transparent colored circles in shades of purple, orange, yellow, and grey. These nodes are interconnected by a web of thin, semi-transparent lines in corresponding colors. The nodes are distributed across the code, with a high concentration in the middle section (the 'if' block and the recursive call) and a more sparse distribution at the beginning and end of the function. The connections suggest relationships between different syntactic elements, such as linking the 'value' parameter to its uses, connecting the recursive call to its arguments, and linking the return statement to the function's return type and value.