

```
public static int compute(int a, int b) {  
    int result;  
    for(int i = 1; i < a * b; i++){  
        if(i % a == 0 && i % b == 0){  
            result = i;  
            break;  
        }  
    }  
    return result;  
}
```

The image displays a network graph overlaid on a snippet of Java code. The graph consists of numerous nodes, represented by semi-transparent circles in shades of purple, orange, and yellow, connected by thin, multi-colored lines. The nodes are distributed across the image, with a high concentration in the upper-left quadrant where the code's opening curly brace and initial declarations are located. Other nodes are scattered throughout, with some appearing near the closing curly brace and the return statement. The edges represent connections between these nodes, forming a complex web that spans the entire visible area of the code. The code itself is a function named 'compute' that takes two integers 'a' and 'b' as input and returns the least common multiple of 'a' and 'b'. The code is written in a monospaced font, with keywords like 'public', 'static', 'int', 'for', 'if', 'break', 'return', and '}' in blue, and identifiers like 'a', 'b', 'i', 'result', and literals like '1', '0' in black.