

```
public static int compute(int a, int b) {  
    int result = a * b;  
    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 Java code snippet. The graph consists of numerous nodes, represented by colored circles (purple, orange, yellow, and grey), which are interconnected by a web of thin, multi-colored lines (edges). The nodes are distributed across the code, with a high concentration in the middle section, particularly around the loop and conditional logic. Some nodes are placed directly over characters, while others are positioned near specific keywords or expressions. The edges form a complex, dense web, suggesting a high degree of connectivity between the different components of the code as represented by the nodes.