

```
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 semi-transparent colored circles in shades of purple, orange, and yellow, connected by thin lines. The nodes are distributed across the code, with a high density in the middle section. Key connections include: a purple node at the top right connecting to 'int b)' and 'int result'; a purple node on the right connecting to 'i++'; a cluster of orange and yellow nodes in the center connecting to 'i <= a * b'; and a cluster of orange nodes at the bottom left connecting to 'return result;'. The code itself is rendered in a monospaced font with color-coding: keywords like 'public', 'static', 'for', 'if', 'break', 'return', and 'int' are in blue, while identifiers like 'a', 'b', 'result', 'i', and literals like '0' are in black.