

```
public static List<Integer> compute(int a, int b, int c) {  
    if (a < b) { int temp = b; b = a; a = temp; }  
    if (a > c) { int temp = c; c = a; a = temp; }  
    if (b > c) { int temp = c; c = b; b = temp; }  
  
    return Arrays.asList(a, b, c);  
}
```

The diagram shows a network of nodes and edges overlaid on the code. Nodes are colored red, orange, yellow, and purple. Edges connect nodes across different lines of code, representing relationships between variables and keywords.

- Red nodes:** Located near the keywords `public`, `static`, `return`, and the `Arrays` class name.
- Orange nodes:** Located near the variables `a` and `b` in the first `if` statement and the `a` parameter in the `compute` method signature.
- Yellow nodes:** Located near the variable `temp` in the first `if` statement, the variable `c` in the second `if` statement, and the `a` parameter in the `compute` method signature.
- Purple nodes:** Located near the variable `c` in the third `if` statement, the `b` parameter in the `compute` method signature, and the `b` parameter in the `Arrays.asList` call.

Edges connect nodes across different lines of code, representing relationships between variables and keywords. For example, edges connect `a` and `b` in the first `if` statement, `a` and `c` in the second `if` statement, and `b` and `c` in the third `if` statement. There are also edges connecting nodes to the `compute` method signature and the `Arrays.asList` call.