



A control flow graph is overlaid on the code, with nodes represented by colored circles and edges by lines. The graph starts at a purple node for the function signature, branches to purple nodes for the first and second swap blocks, then to orange nodes for the third and fourth swap blocks, and finally to yellow nodes for the fifth and sixth swap blocks. The flow ends at a purple node for the return statement.

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