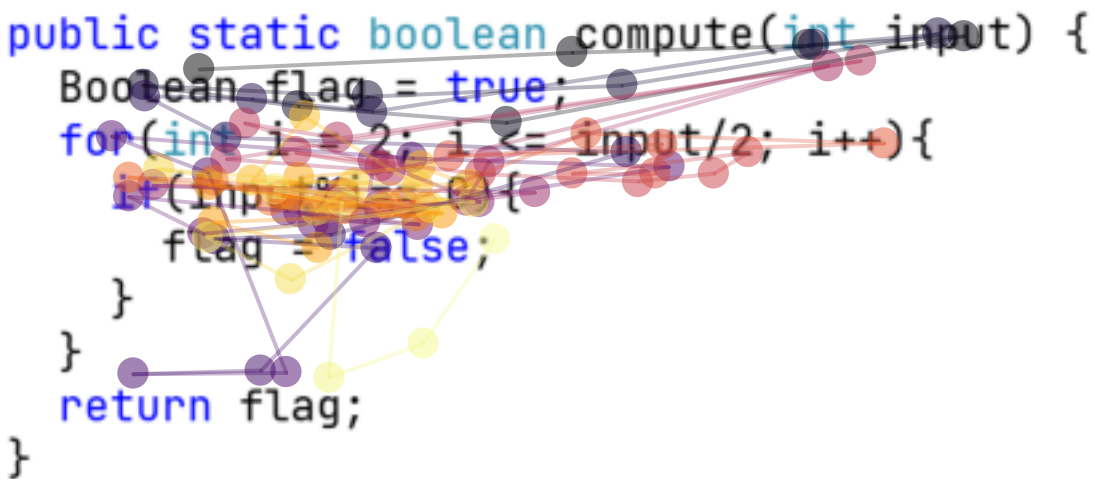


```
public static boolean compute(int input) {  
    Boolean flag = true;  
    for(int i = 2; i <= input/2; i++){  
        if(input % i == 0){  
            flag = false;  
        }  
    }  
    return flag;  
}
```

A network graph is overlaid on the code. The graph consists of numerous nodes, each represented by a colored circle, and edges connecting them. The nodes are color-coded: purple nodes are located at the beginning and end of the code block; yellow nodes are clustered around the 'if' statement and the 'flag' variable; orange and red nodes are concentrated in the 'for' loop; pink nodes are near the 'input' parameter; and grey nodes are at the top of the function signature. The edges represent relationships or data flow between these code elements, with lines of corresponding colors connecting the nodes.