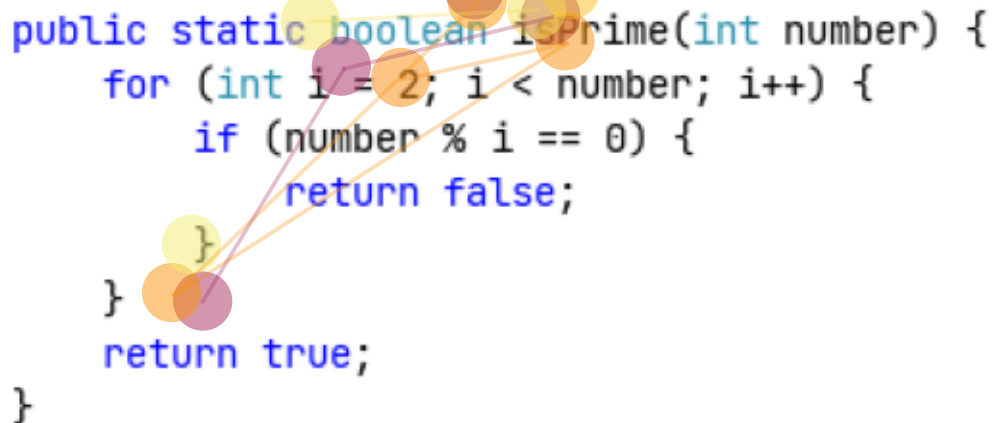


```
public static boolean isPrime(int number) {  
    for (int i = 2; i < number; i++) {  
        if (number % i == 0) {  
            return false;  
        }  
    }  
    return true;  
}
```

A control flow graph is overlaid on the code. It consists of several colored circular nodes: a yellow node at the start of the function, an orange node at the start of the for loop, a purple node at the start of the if statement, a yellow node at the end of the if statement's block, an orange node at the end of the for loop's block, and a purple node at the end of the function. Arrows indicate the flow: from the start node to the for loop node, from the for loop node to the if statement node, from the if statement node to its end node, from the if statement's end node back to the for loop's end node, from the for loop's end node to the function's end node, and from the if statement's end node to the function's end node.