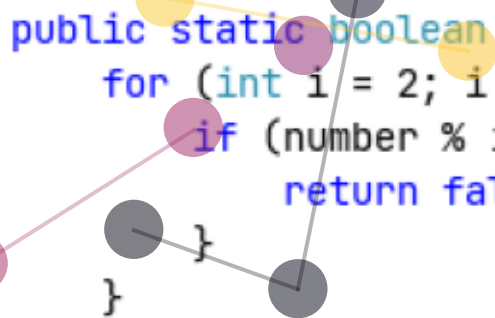


```
public static boolean isPrime(int number) {  
    for (int i = 2; i < number; i++) {  
        if (number % i == 0) {  
            return false;  
        }  
    }  
    return true;  
}
```



The diagram illustrates the control flow of the provided Java code. It features several colored nodes and connecting lines:

- A pink node is connected to the opening curly brace of the `if` statement.
- A yellow node is connected to the opening curly brace of the `for` loop.
- A grey node is connected to the opening curly brace of the `isPrime` method.
- A grey node is connected to the closing curly brace of the `if` statement.
- A grey node is connected to the closing curly brace of the `for` loop.
- A grey node is connected to the closing curly brace of the `isPrime` method.