



The image displays a Java code snippet for a prime number checker. The code is as follows:

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

Overlaid on the code is a diagram consisting of several colored circles (yellow, orange, purple, and grey) connected by thin lines. These circles and lines highlight specific elements of the code:

- A yellow circle is positioned at the opening curly brace of the `isPrime` method.
- Orange circles are placed at the opening curly brace of the `for` loop, the `return false;` statement, and the closing curly brace of the `for` loop.
- Purple circles are located at the `if` statement, the `return false;` statement, and the closing curly brace of the `if` statement.
- A grey circle is placed at the closing curly brace of the `isPrime` method.
- Lines connect these circles, tracing the flow of the code's execution: from the method start to the loop start, then to the loop body, then to the loop end, and finally to the method end.