

```
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 yellow circles and a yellow line. One yellow circle is positioned at the opening curly brace of the 'for' loop. Another yellow circle is located at the closing curly brace of the 'for' loop. A yellow line originates from the closing brace of the 'for' loop and extends upwards and to the right, terminating at a yellow circle placed directly above the 'return true;' statement. This visualizes the flow of execution from the end of the loop back to the point just before the final return statement.