

## Error logs Perfect squares

Error	Cause	Fix
Program prints no results	Condition in <code>isPerfect()</code> may be incorrect (used <code>&lt;=</code> instead of <code>&lt;</code> in factor loop).	Use <code>for (int i = 1; i &lt; num; i++)</code> to exclude the number itself.
Wrong sum of factors	Forgot to reset sum for each number.	Declare <code>int sum = 0;</code> inside <code>isPerfect()</code> before the loop.
Output includes all numbers	Returning true by mistake (e.g., using <code>=</code> instead of <code>==</code> ).	Use <code>return sum == num;</code> for comparison.
No formatting in output	Missing explanatory text in print statement.	Add <code>" is a perfect number ."</code> for clarity.