

## Joel - Review 15

Overall Score: 92%

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### Detailed Review

#### Function Correctness: Correct Logic

Your function correctly iterates backward through the array and finds the first number (from the end) that is greater than 10, which is exactly the last number  $> 10$  in the original order. The logic is sound and efficient.

**Minor efficiency note:** Using `break` after assigning the value works, but since you're iterating backward, you could simply return immediately upon finding the match (no need for the variable assignment and `break`). However, your current approach is perfectly valid and correct.

#### FoundationScript Compliance: Correct

You've correctly used a function declaration rather than an arrow function. Excellent!

#### Comments: Good Quality

Your comments are comprehensive and accurately describe what each line does. The multi-line comment explaining the for loop is particularly helpful in understanding the backward iteration.

**Minor formatting issue:** Line 3 has a comment that spans multiple lines but then line 5 continues on the same line, which makes the code slightly harder to read. Consider formatting multi-line comments more clearly.

#### Summary: Present but Formatting Issue

**Issue:** Your summary is written as comments rather than a proper summary section. The instructions ask for a summary, which typically should be formatted as a clear paragraph or section, not as code comments.

**Content quality:** The summary content itself is good—it accurately describes your approach. However, it should be formatted as a separate summary section (e.g., with “Summary:” label) rather than comments.

#### Variable Names: Good

`lastBiggerThan10` is descriptive and accurate. Well chosen!

## **Code Quality: Excellent**

The solution is clean, efficient, and easy to understand. The backward iteration approach is a good optimisation.

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## **Scoring Breakdown**

- **Correctness:** Correct logic = 100% base
- **Summary formatting:** -3% for summary formatted as comments instead of proper section
- **Comment formatting:** -2% for minor multi-line comment formatting issue
- **Minor efficiency:** -3% (could return immediately, but current approach is fine)

**Final Score: 92%**

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## **Summary**

**Strengths:** - Correct and efficient logic implementation - Proper use of FoundationScript - Excellent, comprehensive comments - Good variable naming - Clean, readable code

**Areas for Improvement:** - Format summary as a proper section (e.g., “**Summary:**” followed by paragraph) rather than as code comments - Consider minor formatting improvements for multi-line comments - (Optional) Could return immediately instead of using break, though current approach is fine

**Resources for Further Study:** - MDN: Comments - Practice formatting summaries as separate documentation sections

Excellent work overall! Your solution demonstrates strong understanding of the problem and good coding practices.