Module 5 Concept Discussion

Ashton Hellwig

February 2, 2020

Contents

Listings

Part I
Initial Post

1 Research Prompt

Why doesn't the compiler also find logic errors?

2 Response

The compiler checks the source code for syntax errors but not for logic errors. This is because logic errors are categorized as `run-time errors` and not `compile-time errors` [1]. Logic errors are only catchable while *running* the program.

Part II
Responses

3 Response 1

Reply to (*Post ID:*)

Placeholder

4 Response 2

Reply to (*Post ID:*)

Placeholder

Bibliography

[1] R. Pitts, "Compiler, linker and runtime errors", 2000. [Online]. Available: https://www.cs.bu.edu/teaching/cpp/debugging/errors/#logic-error (visited on 02/02/2020).

[2] D. S. Malik, *C programming: program design including data structures*, 7th ed. Cengage Learning, 2015.