

Lesson 3:
Advanced OOP

SEARCH

RESOURCES

CONCEPTS

1. Polymorphism and Inheritance

2. Bjarne on Inheritance

3. Inheritance

4. Access Specifiers

5. Exercise: Animal Class

6. Composition

7. Exercise: Class Hierarchy

8. Exercise: Friends

9. Polymorphism: Overloading

10. Polymorphism: Operator Overlo...

11. Virtual Functions

12. Polymorphism: Overriding

13. Override

14. Multiple Inheritance

15. Generic Programming

16. Bjarne on Generic Programming

17. Templates

18. Bjarne on Templates

19. Exercise: Comparison Operation

20. Deduction

21. Exercise: Class Template

22. Summary

23. Bjarne on Best Practices with Cla...

Deduction

SEND FEEDBACK

In 1 |>

#include <assert.h>

// TODO: Declare a generic, templated average function

template <typename T> T average(T a, T b) { return (a+b)/2; }

int main() { assert(average(2,4) == 3); }

Compile & Run

Explain

Loading terminal (id_wgk18rm), please wait...

↑ Menu

Shrink

NEXT