

Lesson 2:
Intro to OOP

SEARCH

RESOURCES

CONCEPTS

1. Classes and OOP

2. Bjarne On Classes In C++

3. Jupyter Notebooks

4. Structures

5. Member Initialization

6. Access Specifiers

7. Classes

8. Encapsulation and Abstraction

9. Bjarne on Encapsulation

10. Constructors

11. Scope Resolution

12. Initializer Lists

13. Initializing Constant Members

14. Encapsulation

15. Accessor Functions

16. Mutator Functions

17. Quiz: Classes In C++

18. Exercise: Pyramid Class

19. Exercise: Student Class

20. Encapsulation in C++

21. Bjarne On Abstraction

22. Abstraction

23. Exercise: Sphere Class

24. Exercise: Private Method

25. Exercise: Static Members

26. Exercise: Static Methods

27. Bjarne On Solving Problems

Initializer Lists

SEND FEEDBACK

In 1 1: #include <assert.h>
#include <string>

// TODO: Define class Person
struct Person {
 // TODO: Define a public constructor with an initialization list
 Person(std::string name) : name(name) {}
 // TODO: Define a public member variable: name
 std::string name;
};

// Test
int main() {
 Person alice("Alice");
 Person bob("Bob");
 assert(alice.name != bob.name);
}

Compile & Run Explain

Loading terminal (id_avhgyfk), please wait...

Loading [MathJax]/extensions/Safe.js

Menu Shrink

NEXT