

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

Access Specifiers

SEND FEEDBACK

In 1 |>: #include <cassert>
#include <iostream>

// TODO: Define public accessors and mutators for the private member variables
struct Date {
public:
int Day(){return day-;}
void Day(int d){day=d;}
int Month(){return month-;}
void Month(int d){month=d;}
int Year(){return year-;}
void Year(int d){year=d;}
private:
int day(1);
int month(1);
int year(0);
};

int main() {
Date date;
date.Day(29);
date.Month(8);
date.Year(1981);
assert(date.Day() == 29);
assert(date.Month() == 8);
assert(date.Year() == 1981);
std::cout << date.Day() << " " << date.Month() << " " << date.Year() << "\n";
}

Compile & Run

Explain

Loading terminal (id_ahdfgvi), please wait...

Loading [MathJax]/extensions/Safe.js

MenuShrinkNEXT