

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

Structures

SEND FEEDBACK

Experiment with structs

Press the `Compile & Run` button below to save, compile, and run the code in the terminal.

Try putting in nonsensical dates and see that it will print whatever you give it!

// Include iostream for output

#include

#include

// Define a simple structure struct Date { int day; int month; int year;};

// Define a main function to instantiate and test int main() { Date date;

// TODO: Initialize date to August 29, 1981

date.day = 29;

date.month = 8;

date.year = 1981;

// TEST

assert (date.day == 29);

assert (date.month == 8);

assert (date.year == 1981);

// Print the data in the structure

std::cout << date.day << "/" << date.month << "/" << date.year << "\n";

}

Compile & Run

Explain

Loading terminal (id_ev0mwsu), please wait...

Loading [MathJax/extensions/Safe.js]

Menu

Shrink

NEXT