

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

Jupyter Notebooks

SEND FEEDBACK

Experiment with Jupyter Notebooks

Press the `Compile & Run` button below to run the code in the terminal. The Notebook will save the code within the cell to `./code/main.cpp` and then compile and execute it.

Try writing and running some code to see how it works!

In []:

```
#include <iostream>
// Write a simple function to add two integers
int Addition(int a, int b)
{
    return a + b;
}

// Define a main() function to test the Addition() function
int main()
{
    int a = 2;
    int b = 2;
    int z = Addition(a, b);
    std::cout << a << " + " << b << " = " << z << " Yay!\n";
}
```

Compile & Run

Explain

Loading terminal (id_gjor21), please wait...

Loading [MathJax]/extensions/Safe.js

Menu

Shrink

NEXT