Overview of C++: Strategies for Learning C++

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Learning Objectives in this Part of the Lesson

• Recognize the key components of C++
• Know strategies for learning C++
Strategies for Learning C++
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• C++ is a big language with a long history, so it’s important to learn it smartly!
Overview of C++

Strategies for Learning C++

• C++ is a big language with a long history, so it’s important to learn it smartly!

1. Focus on core concepts & design & programming techniques
   • Don’t get lost in every new-fangled C++ language feature

Many newer C++ features are intended for library developers, not app developers.
Strategies for Learning C++

• **C++** is a big language with a long history, so it’s important to learn it smartly!

1. Focus on core concepts & design & programming techniques

2. Learn C++ to become a better software developer
   • i.e., become more effective at developing & testing modular & robust programs
Strategies for Learning C++

- C++ is a big language with a long history, so it’s important to learn it smartly!
  1. Focus on core concepts & design & programming techniques
  2. Learn C++ to become a better software developer
  3. Learn & apply software patterns & idioms
    - C++ supports many different programming styles

Strategies for Learning C++

- C++ is a big language with a long history, so it’s important to learn it smartly!
  1. Focus on core concepts & design & programming techniques
  2. Learn C++ to become a better software developer
  3. Learn & apply software patterns & idioms
  4. Learn C++ gradually
     - Don’t have to know every detail of C++ to write good C++ programs
End of Overview of Strategies for Learning C++