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C++ Introduction

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Chapter 2: Hello, World! Review

1. What is the purpose of the “Hello, World!” program?
   1. To try a programming environment and get a feel for how a computer does things such as reading, compiling, and executing code.
2. Name the four parts of a function.
   1. A return types.
   2. A name
   3. A parameter lists.
   4. A function body.
3. Name a function that must appear in every C++ program.
   1. Int main (){}
4. In the “Hello, World!” program, what is the purpose of the line return 0;?
   1. The purpose of the return 0 is to check whether the program terminated successfully.
5. What is the purpose of the compiler?
   1. The purpose of the compiler is to compile human source code into something the computer can read, or machine code.
6. What is the purpose of the #include directive?
   1. The #include directive instructed the computer to make available facilities from that file.
7. What does a .h suffix at the end of a file name signify in C++?
   1. It signifies a header file
8. What does the linker do for your program?
   1. The linker takes translation units object codes and links them together into an executable program.
9. What is the difference between a source file and an object file?
   1. A source file is human read/write and an object file is what the computer reads.
10. What is an IDE and what does it do for you?
    1. An IDE is an integrated development environment, and it can link, compile and has an editor for you to debug code with
11. If you understand everything in the textbook, why is it necessary to practice?
    1. It is necessary to practice to develop and maintain programming skills