Static Linking (including clividing your code across multiple source files) Appropriate for 1820 onward

So far you have written many progs in a single source file. Larger progs should be written is several source files.

When compiling main.cpp, The compiler must know Bar's signature to know what to do with it.

A third file is used.

Hpragma once void Foo();

(i) Include files = 1000),

provide signatures (3)

(and potentially other 10 fo). That is

why there is no body to Bar().

2) #pragma once limits the number of times the include file will be injected.

This way one include including another that includes the 1st worth be a loop.

Steps in "compilation" better termed "boilding" Other Src Your Source Preprocessor (rewritten temp source) (assembly language) Assembler executable program

Object code from main.cpp code: (From main.gpp) Object code-from Other, CPP / Symbol Table: need Foo() have Main() code: (From other.cpp) Code: from main.cpp Have Main() Code. From othericpp Have Foo() V Executable* * simplified.