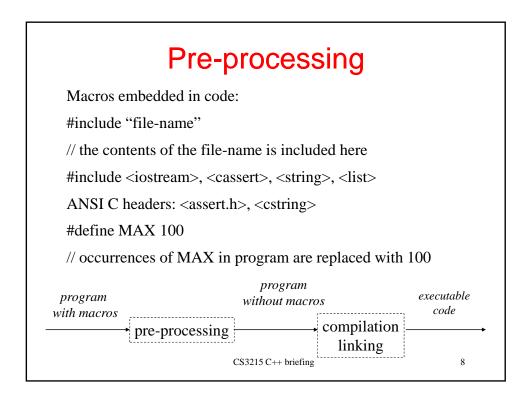
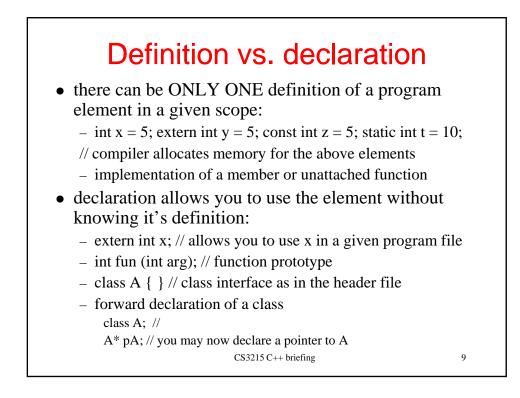
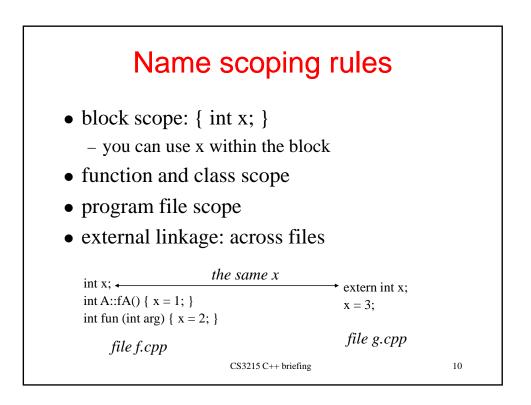
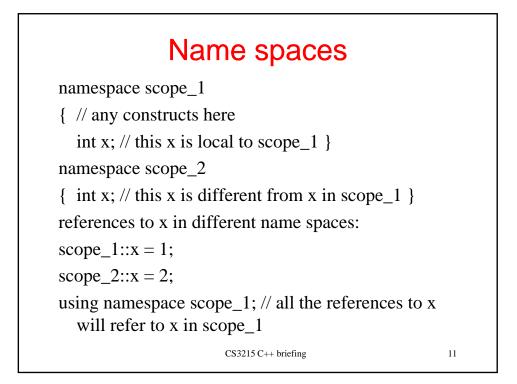


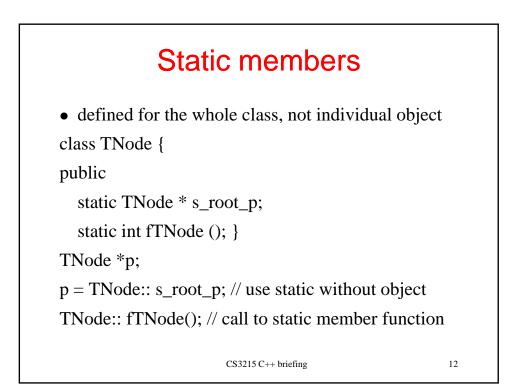
Class IntStack	
header file stack.h:	implementation file stack.cpp:
class IntStack { public: static const int s_MAX = 100; IntStack (); void push (); int top (); void pop (); bool empty (); bool full ();	<pre>#include "stack.h" IntStack::IntStack () {     code for IntStack here } void IntStack::push () {     code for push () here }     etc. }</pre>
private:	
<pre>int elem [MAX]; int top; }</pre>	#include "stack.h" directive causes pre- processor to include the contents of stac

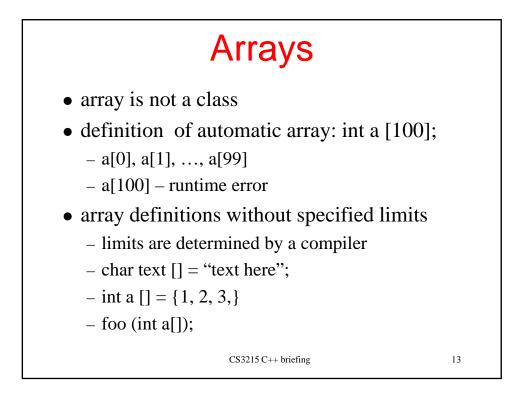


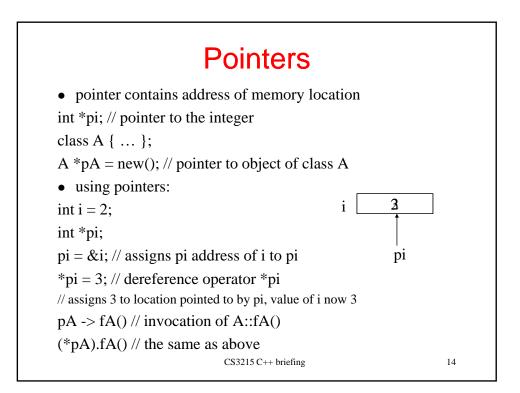


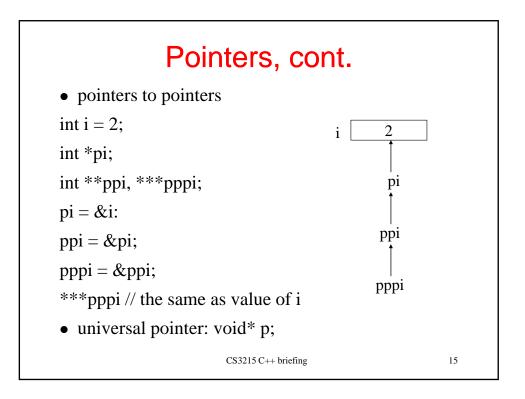


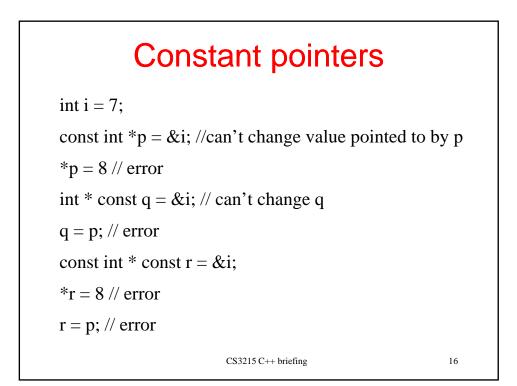


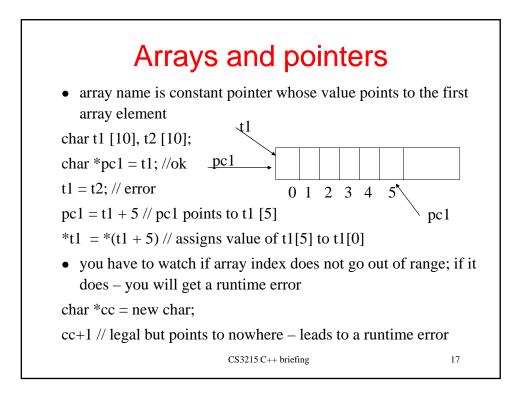


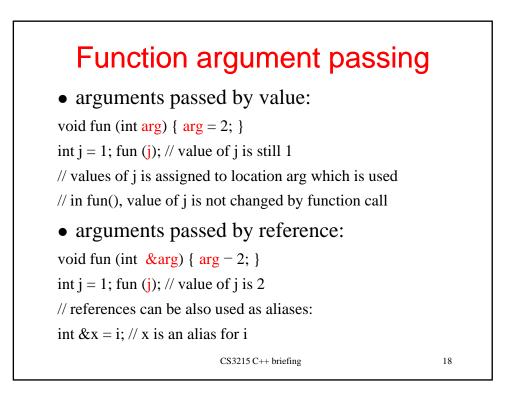


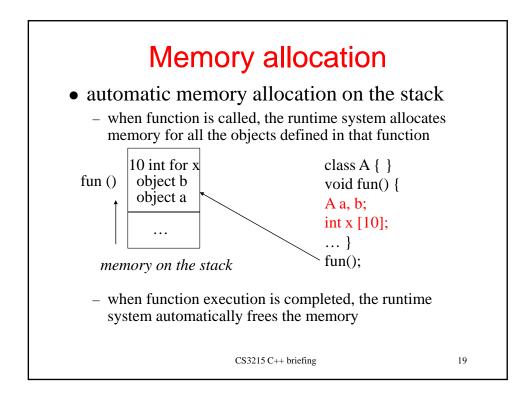


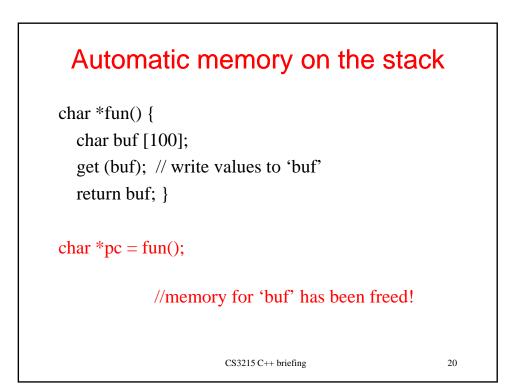


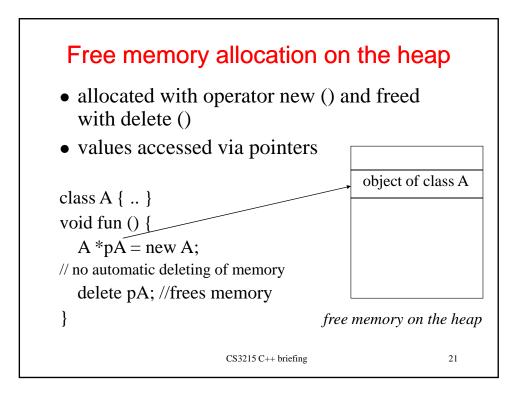


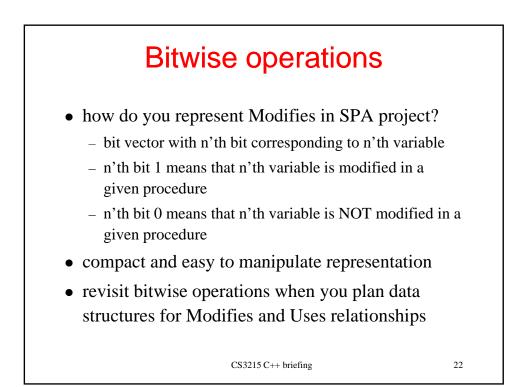


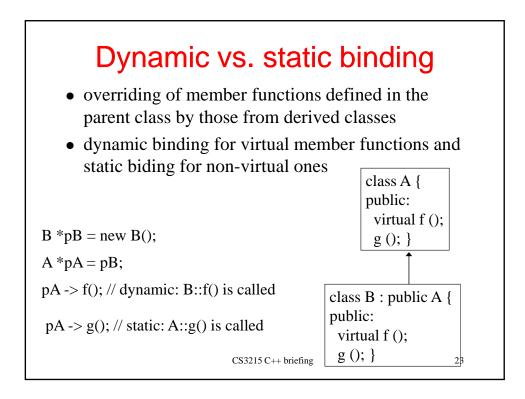


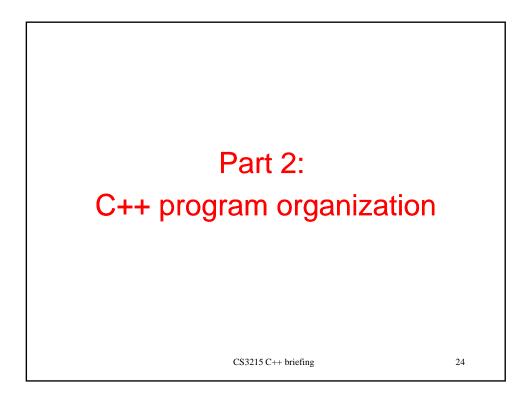












## Physical structure of C++ programs

- once you have:
  - understood the problem (SPA)
  - completed architecture design
  - decided upon representation of SPA solution in C++ language
- you will have to organize C++ program into modules implemented in many files
- physical organization of program modules into files

is a critical success factor in large-scale projects CS3215 C++ briefing 25

