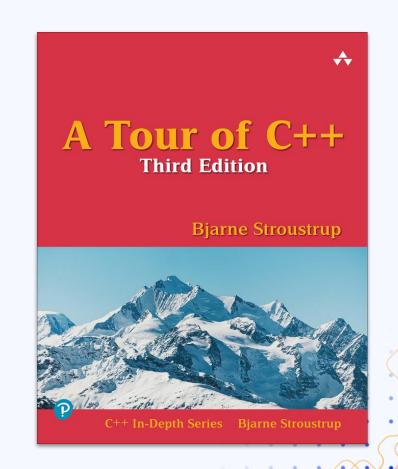
Scope and Const

CSE 232 - Dr. Josh Nahum

Reading:

Section 1.5 and Section 1.6



00 Scope



Scope Example

```
#include <iostream>
int main() {
  int x = 4;
  double y = 3.15;
  while (x < 100) {</pre>
    y += 1;
    std::cout << y;</pre>
    double z = x + y;
    x = z / 4;
    std::cout << " " << x << "\n";
    --x;
  std::cout << y;</pre>
```

What is the scope of:

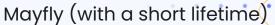
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Narrow Scope

Declare (and initialize) variables with as narrow a scope (short lifetime) as possible. Leads to clearer code and simpler debugging.

Create variables only when you are ready to use them.

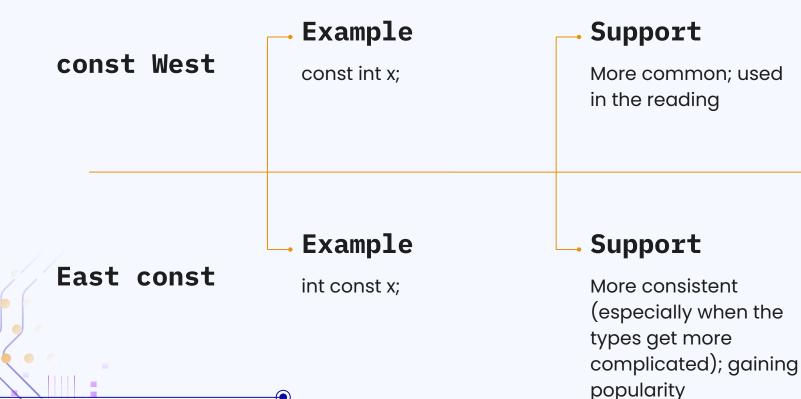


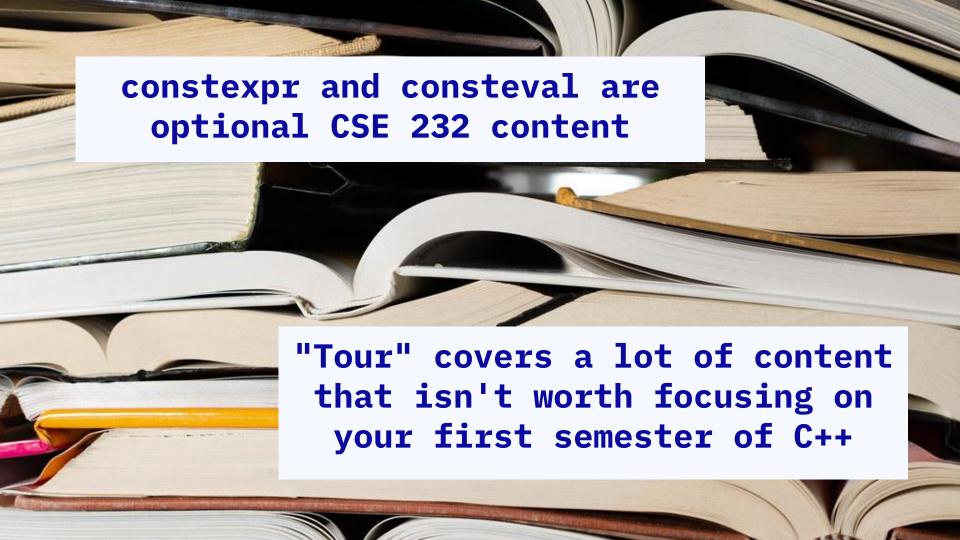


01 Const



const Style







Attribution

Please ask questions via Piazza

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