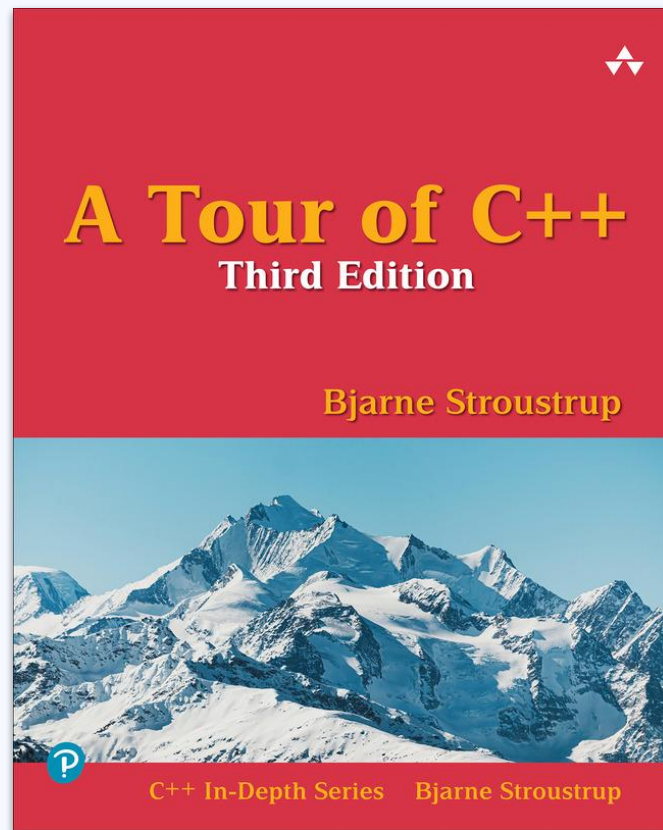# Error-Handling Alternatives and Assertions

CSE 232 – Dr. Josh Nahum

Reading:

Section 4.4 and Section 4.5.1

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Bjarne's ad hoc mechanism

"Although elegant and efficient, Bjarne's enum error handling on page 48-49 is beyond the scope of this course."

—Dr. Nahum

01

assert

One minor advantage

asserts can be made into "no operations" by passing the -DNDEBUG flag to g++

```
g++ -Wall -std=c++20 -DNDEBUG main.cpp
```

 This allows you to avoid checking assertions when you are shipping a program in production.

That said, exceptions are almost always the better option as the reading indicates.

Attribution

Please ask questions via Piazza

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