

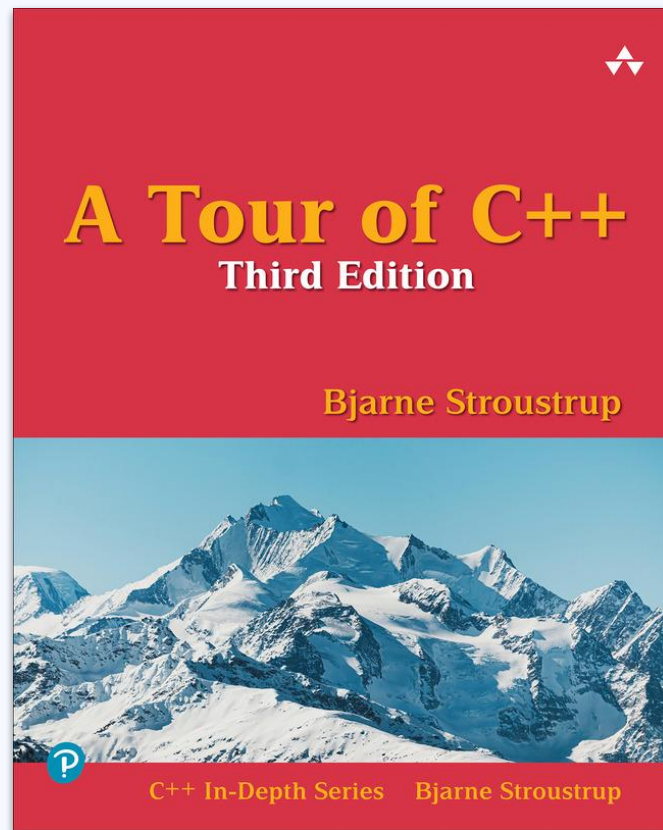
# Error-Handling Alternatives and Assertions

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CSE 232 – Dr. Josh Nahum

# Reading:


Section 4.4 and Section 4.5.1





# 00 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.”

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–**Dr. Nahum**





**01**

**assert**

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# 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

Dr. Joshua Nahum

[www.nahum.us](http://www.nahum.us)

EB 3504



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