## Error handling

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## Finding memory leaks (folder 7)

### **Basic check:**

- sudo apt install valgrind
- valgrind –tool=memcheck ./a.out

#### **Detailed check:**

- valgrind –tool=memcheck
  - -v --leak-check=full -show-leak-kinds=all ./a.out

### Only the bottom line:

valgrind –tool=memcheck ./a.out2>&1 | grep "lost"

# Unit testing

- Many frameworks.
- You saw GTest.
- Other options: doctest (folder 8), catch2.