Error handling

- Version 1: Erel Segal-Halevi

Error handling *(folders 5-6)*

	Exception	**Assert**
Used during:	Normal run	Development
Used for:	Handling exceptional conditions.	Spotting internal errors and bugs.
Disabling:	No	With compiler flag

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.out
2>&1 | grep "lost"

Unit testing

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