Special Member Functions in C++11 Exercises

Move operators

- Modern C++ has two special member functions which are not present in traditional C++

- Describe them briefly

Synthesized move operators

- In what circumstances will the compiler synthesize the move operators?

- How are these synthesized move operators implemented?

Synthesized copy operators in Modern C++

- If a class implements move operators but not copy operators, will the compiler synthesize the copy operators?

Rule of Five

- What is the "Rule of Five"?

Move-only class

- Implement a simple move-only class
- Write a program to test your class. Verify that it cannot be copied