

# Mathematical Algorithms in C++17 Exercises

# std::clamp()

- Briefly describe std::clamp
- Write a simple program which uses std::clamp

# clamp()

- Which predicate does std::clamp use by default?
- Write a simple program which uses std::clamp and uses a different predicate

# std::gcd()

- Briefly describe std::gcd
- Write a simple program which uses std::gcd

# std::lcm()

- Briefly describe std::lcm
- Write a simple program which uses std::lcm

# std::sample()

- Briefly describe std::sample
- Write a simple program which uses std::sample