Tuples in C++17 Exercises

Tuples in C++17

- Write down code that defines an std::tuple object, without using make_tuple() or explicit type parameters

Returning multiple values

- Write a simple program with a function that returns an std::tuple
- Use a structured binding to unpack the elements of the returned tuple

Unpacking Tuple into Function Arguments

- Write a simple program which calls std::apply() and passes an std::tuple object to it

Unpacking Tuple into Constructor Arguments

- Write a simple program that uses an std::tuple to initialize an object of a class, without calling std::get()