Structured Bindings Solutions

Structured Binding

- Explain how a structured binding is different from a declaration that uses auto
  - With a declaration that uses auto, a single variable is initialized from a single value
  - With a structured binding, multiple variables are initialized from a compound value
  - In both cases, the types of the variables are deduced by the compiler

Structured Binding

- For each of the types below, write a simple program that
  - Creates an object of that type
  - Unpacks its data members into separate variables
  - Displays the variables
- Implement each program twice: once using features available in C++14, and once using structured bindings
  - std::pair
  - std::tuple
  - A struct whose data members are all public