

# Pair Type Solutions

# Pair Type

- Describe `std::pair`
  - `std::pair` is a data structure with two members
- When is `std::pair` useful?
  - Passing or returning pairs of related data to and from functions
- How is this data accessed?
  - The members are called "first" and "second"
- How is a variable of type `std::pair` created?
- Direct construction, or by calling `std::make_pair()`

# Creating a `std::pair` variable

- Write a program which creates an object of type `std::pair` and prints out its data

# Function returning `std::pair`

- Write a program with a function which returns an `std::pair`