

# CTAD and Custom Types

## Exercises

# Non-templated Constructor

- Write a template class which supports CTAD in which
  - The constructor is not a template
  - The constructor's arguments correspond to the class's type parameters

# Deduction Guides

- Explain why a deduction guide is sometimes needed to implement CTAD

# Deduction Guides

- Write a template class which supports CTAD in which
  - The constructor is a template
  - The constructor's template parameters are not compatible with the class's type parameters