

Miscellaneous Template Features Solutions

static_assert()

- Describe static_assert()
 - static_assert() is a compile-time version of assert()
 - It takes a bool and a string literal
 - If the bool argument evaluates to false, the compilation stops and the string literal will be used in the compiler's error message
 - Otherwise, the compilation continues normally
- Write some code to demonstrate the use of static_assert()

Class with Default Template Parameters

- Write a template class with a default type parameter
- Write a program which uses your class

Function with Default Template Parameters

- Write a template class with a default type parameter
- Write a program which uses your class