

Assignment Operator Overview Exercises

The Assignment Operator

- Explain what an assignment operator is
- What is the prototype of the assignment operator?
- How is it invoked?

Multiple Assignment

- How is a statement such as

$x = y = z;$

- processed?

Return Value of Assignment Operator

- Why does the assignment operator return the modified value?
 - So that assignment operators can be chained
- Why is this value not returned as a const reference?

When to Write an Assignment Operator

- Explain why it is not normally necessary to implement an assignment operator when writing a class
- In what circumstances is it necessary?