See Also

- "Trailing Return" (§1.1, p. 124) explains how the **auto placeholder** can be used to specify a function's return type at the end of its **signature**.

- "*Generic* Lambdas" (§2.2, p. 968) illustrates how the **auto** placeholder can be used in the **parameter list** of a lambda to make its function-call operator a template.

- "**auto** Return" (§3.2, p. 1182) describes how the **auto** placeholder can be used to deduce a function's return type.

Further Reading

- For additional analysis of **auto** type deduction and its use, see **meyers15b**, "Item 1: Understand template type deduction," pp. 9–18; "Item 2: Understand auto type deduction," pp. 18–23; "Item 5: Prefer auto to explicit type declarations," pp. 37–43; and "Item 6: Use the explicitly typed initializer idiom when auto deduces undesired types," pp. 43–48.