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Conditional Access Operator

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Conditional Access Operator

- The "Conditional Access Operator (?.) and (? []) checks the value of left-hand operand whether it is null or not; and returns the value of right-hand operand (property or method), if it is not null; otherwise returns null.
- It accesses the property or method, only if the reference variable is "not null"; just returns "null", if the reference variable is "null".
- Advantage:
 - It is a "shortcut" to check for null and avoid the exception.

Conditional Access Operator - Syntax

Conditional Access Operator (?.)

variableName = referenceVariable?.fieldName;

-- is same as --

variableName = (referenceVariable == null)? null : referenceVariable.fieldName;