Nested-If and Ternary Operator

Talk to a Teacher
http://spoken-tutorial.org
National Mission on Education through ICT
http://sakshat.ac.in

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12 April 2012

Learning Objectives

- **Nested-if statements and ternary operators.**

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- **Use them in a Java program.**

Tools Used

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- **Ubuntu 11.10**

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- **JDK 1.6**

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- Ubuntu 11.10
- JDK 1.6
- Eclipse 3.7.0

- **Relational and logical operators**

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- **if...else control flow statements**

Pre-requisites

- **Relational and logical operators**
- **if...else control flow statements**
- **For relevant tutorial please visit our website**
  http://spoken-tutorial.org

Nested-if statements

Nested-if statements

An if statement within another if statement is called a nested-if.

Syntax for nested-if statement

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```
if (condition1) {
    if (condition2) {
        // Statement or block 1
    }
    else {
        //Statement or block 2
    }
}
else {
    //Statement or block 3
}
```

Ternary Operator

- **A conditional operator providing results similar to nested-if.**

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- **Provides a short syntax and is denoted by a question mark.**

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- **A conditional operator providing results similar to nested-if.**
- **Provides a short syntax and is denoted by a question mark.**
- **Takes three operands at a time.**

Syntax of Ternary Operator

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Result = Expression ? Operand 1 : Operand 2

Summary

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- **About nested-if statements and ternary operator**

Summary

- **About nested-if statements and ternary operator**
- **To use them in a Java program**

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Assignment

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- **Check whether the given number is even and also multiple of 11. Use nested-if**

Assignment

- **Check whether the given number is even and also multiple of 11.**
  Use nested-if

- **Identify the largest number among the two given numbers.**
  Use Ternary operator

About the Spoken Tutorial Project

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- **Conducts workshops using spoken tutorials**
- **Gives certificates to those who pass an online test**
- **For more details, please write to contact@spoken-tutorial.org**

Acknowledgements

- **Spoken Tutorial Project is a part of the Talk to a Teacher project**
- **It is supported by the National Mission on Education through ICT, MHRD, Government of India**
- **More information on this Mission is available at http://spoken-tutorial.org /NMEICT-Intro**

About the contributor

- **This tutorial has been contributed by TalentSprint.**
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- **Thanks for joining**