

Nested-if & Switch statement

Talk to a Teacher

<http://spoken-tutorial.org>

National Mission on Education through ICT

<http://sakshat.ac.in>

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Learning Objectives



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- ▶ nested if statement



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- ▶ nested if statement
- ▶ switch statement



Learning Objectives

- ▶ nested if statement
- ▶ switch statement
- ▶ Some examples



System Requirements



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- ▶ **Ubuntu Operating System version 11.10**



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- ▶ **gcc and g++ Compiler version 4.6.1 on Ubuntu**



Comparison between switch and nested-if statement



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- ▶ Switch statement is evaluated according to the result of the expression



Comparison between switch and nested-if statement

- ▶ Switch statement is evaluated according to the result of the expression
- ▶ Nested-if statement is run only if the result of the expression is true



Comparison between switch and nested-if statement

- ▶ Switch statement is evaluated according to the result of the expression
- ▶ Nested-if statement is run only if the result of the expression is true
- ▶ In switch we treat various values of the variable as cases



Comparison between switch and nested-if statement

- ▶ In nested-if we have to write the conditional statement for each value of the variable



Comparison between switch and nested-if statement

- ▶ In nested-if we have to write the conditional statement for each value of the variable
- ▶ Switch statement can only check the integer values



Comparison between switch and nested-if statement

- ▶ In nested-if we have to write the conditional statement for each value of the variable
- ▶ Switch statement can only check the integer values
- ▶ Nested-if can check for both integer and fractional values



Summary

- ▶ Nested if statement
ex: `else if(y/10==0)`
- ▶ Switch statement
ex: `switch(x)`
- ▶ Difference between nested-if and switch statement



Assignment

- ▶ Write a program to check whether the age of the employee is between 20-60



About the Spoken Tutorial Project

- ▶ Watch the video available at http://spoken-tutorial.org/What_is_a_Spoken_Tutorial
- ▶ It summarises the Spoken Tutorial project
- ▶ If you do not have good bandwidth, you can download and watch it



Spoken Tutorial Workshops

The Spoken Tutorial Project Team

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



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- ▶ More information on this Mission is available at:

<http://spoken-tutorial.org/NMEICT-Intro>

