

# Multiple & Hierarchical Inheritance in C++

**Talk to a Teacher**

<http://spoken-tutorial.org>

**National Mission on Education through ICT**

<http://sakshat.ac.in>

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Talk to a Teacher



# Learning Objectives



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## ► Multiple Inheritance



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- ▶ **Multiple Inheritance**
- ▶ **Hierarchical Inheritance**



# Learning Objectives

- ▶ **Multiple Inheritance**
- ▶ **Hierarchical Inheritance**
- ▶ **We will do this with the help of examples**



# System Requirements



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- ▶ **Ubuntu OS v. 11.10**



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- ▶ **Ubuntu OS v. 11.10**
- ▶ **g++ Compiler v. 4.6.1**



Talk to a Teacher

# Summary

- ▶ **Multiple Inheritance**
- ▶ **Hierarchical Inheritance**



# Assignment

- ▶ **Create a class area and perimeter**
- ▶ **Find the area and perimeter of rectangle**



# About the Spoken Tutorial Project

- ▶ Watch the video available at [http://spoken-tutorial.org/What\\_is\\_a\\_Spoken\\_Tutorial](http://spoken-tutorial.org/What_is_a_Spoken_Tutorial)
- ▶ It summarises the Spoken Tutorial project



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- ▶ 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](mailto: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>

