

Friend Function in C++

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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- Friend function



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- ▶ Friend function
- ▶ We will do this with the help of an example



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



Introduction to friend function



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- ▶ The private data is not accessible outside the class



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- ▶ To access the private data we use friend function



Introduction to friend function

- ▶ The private data is not accessible outside the class
- ▶ To access the private data we use friend function
- ▶ A friend function is not a member function of the class



Introduction to friend function



Introduction to friend function

- ▶ Friend function can be invoked without using an object



Introduction to friend function

- ▶ Friend function can be invoked without using an object
- ▶ The argument passed in the friend function is used as its object



Declaration



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- ▶ `friend return_type
function_name(class_name object)`



Summary

- ▶ Friend function
 - ▶ eg. `friend int compute(frnd f1);`



Assignment

- ▶ Write a program to find out the square and cube of a number



About the Spoken Tutorial Project

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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>

