

Scope of variables in C and 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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- ▶ **Scope of variables**



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- ▶ **Global variable**



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- ▶ **Examples**



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- ▶ **Local variable**
- ▶ **Examples**
- ▶ **Some common errors and their solutions**



System Requirements



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- ▶ **Ubuntu OS v. 11.04**



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- ▶ **gcc and g++ Compiler v. 4.6.1**



Introduction to the scope of the variables



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 - ▶ Global Variable
 - ▶ Local Variable



Summary

- ▶ **Scope of variables**
- ▶ **Global variable**
 - ▶ eg. `int a = 5;`
- ▶ **Local variable**
 - ▶ eg. `int sum;`



Assignment

- ▶ Write a program to print the difference of two numbers



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



Acknowledgements

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- ▶ **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>

