

# Arithmetic Operators 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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- ▶ **\* Multiplication: eg.  $a * b$ .**



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- ▶ **\* Multiplication: eg.  $a * b$ .**
- ▶ **% Modulus: eg.  $a \% b$ .**



# System Requirements



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



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# Assignment

- ▶ Try to use the subtraction operator



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- ▶ Try to use the subtraction operator
- ▶ **Hint:**  
Try replacing the addition operator with the subtraction operator



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# Assignment

- ▶ Try to use the subtraction operator
- ▶ **Hint:**  
Try replacing the addition operator with the subtraction operator
- ▶ You should get the result as 3



# Summary

- ▶ **How to use the arithmetic operators.**



# Assignment

- ▶ Write a program to demonstrate the use of modulus operator.



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- ▶ Write a program to demonstrate the use of modulus operator.
- ▶ Modulus operator finds the remainder of division.
- ▶ eg.  $c = a \% b;$
- ▶ You should obtain the result as 1.



# 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
- ▶ 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>

