

Arithmetic Comparison in BASH

Talk to a Teacher Project

<http://spoken-tutorial.org>

National Mission on Education through ICT

<http://www.sakshat.ac.in>

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Learning Objectives



Learning Objectives

▶ -eq



Learning Objectives

- ▶ `-eq`
- ▶ `-ne`



Learning Objectives

- ▶ -eq
- ▶ -ne
- ▶ -lt



Learning Objectives

- ▶ `-eq`
- ▶ `-ne`
- ▶ `-lt`
- ▶ `-le`



Learning Objectives

- ▶ -eq
- ▶ -ne
- ▶ -lt
- ▶ -le
- ▶ -gt



Learning Objectives

- ▶ -eq
- ▶ -ne
- ▶ -lt
- ▶ -le
- ▶ -gt
- ▶ -ge



Learning Objectives

- ▶ -eq
- ▶ -ne
- ▶ -lt
- ▶ -le
- ▶ -gt
- ▶ -ge
- ▶ **Through some examples**



System Requirements



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- ▶ **Ubuntu Linux 12.04 OS**



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- ▶ **GNU Bash version 4.1.10**



System Requirements

- ▶ **Ubuntu Linux 12.04 OS**
- ▶ **GNU Bash version 4.1.10**
- ▶ **GNU Bash version 4 or above is recommended for practice**



Summary



Summary

- ▶ **-eq**
- ▶ **-ne**
- ▶ **-lt**
- ▶ **-le**
- ▶ **-gt**
- ▶ **-ge**



Assignment

- ▶ Write a program to demonstrate the use of **not equal to** operator
- ▶ hint: `-ne`



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



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- ▶ 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

- ▶ **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>

