

Nested and multilevel if-statement in Bash

Talk to a Teacher Project

<http://spoken-tutorial.org>

National Mission on Education through ICT

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

FOSSEE & Spoken Tutorial Team
IIT Bombay

January 22, 2014



Learning Objectives



Learning Objectives

- ▶ **Nested if-else**



Learning Objectives

- ▶ **Nested if-else**
- ▶ **Multilevel if-else**



Learning Objectives

- ▶ Nested if-else
- ▶ Multilevel if-else
- ▶ Using a few examples



Prerequisite



Prerequisite

- ▶ You should be familiar with Linux Operating System



Prerequisite

- ▶ You should be familiar with Linux Operating System
- ▶ If not, for relevant tutorials please visit <http://spoken-tutorial.org>



System Requirements



System Requirements

- ▶ **Ubuntu Linux 12.04 OS**



System Requirements

- ▶ **Ubuntu Linux 12.04 OS**
- ▶ **GNU Bash version 4.1.10**

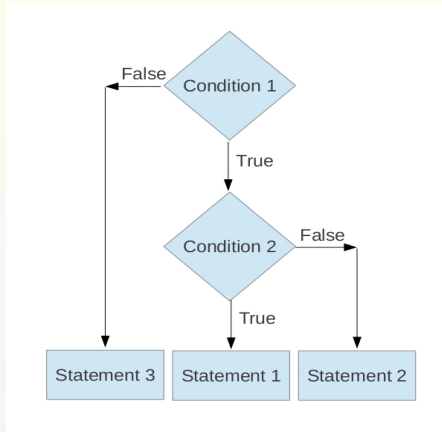


System Requirements

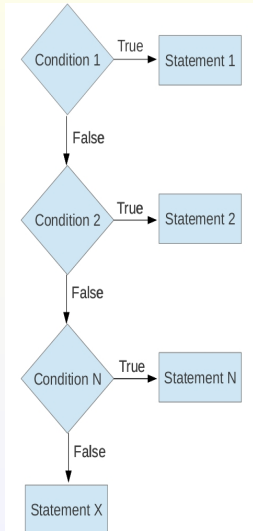
- ▶ Ubuntu Linux 12.04 OS
- ▶ GNU Bash version 4.1.10
- ▶ GNU Bash version 4 or above is recommended for practice



Nested if-else (flowchart)



Multilevel if-else (flowchart)



Summary



Summary

- ▶ **Nested if-else:** **Name** and **Password** verification
- ▶ **Multilevel if-else:** **String** comparison



Assignment

Write a program to output different messages when number is

- ▶ **greater than 3**
- ▶ **lesser than 3**
- ▶ **or equal to 3**
- ▶ **user input is empty**



About the Spoken Tutorial Project

- ▶ Watch the video available at http://spoken-tutorial.org/What_is_a_Spoken_Tutorial
- ▶ It summarizes the Spoken Tutorial project



About the Spoken Tutorial Project

- ▶ Watch the video available at http://spoken-tutorial.org/What_is_a_Spoken_Tutorial
- ▶ It summarizes 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



Acknowledgments

- ▶ 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>

