Conditional statements 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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30 April 2012

Learning Objectives

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- **To execute a single statement**

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- **To execute group of statements**

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- **Through examples**

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- To execute a single statement
- To execute group of statements
- Through examples
- Some common errors and their solutions

System Requirements

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- **Ubuntu OS v. 11.10**

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- **gcc and g++ Compiler v. 4.6.1**

Introduction

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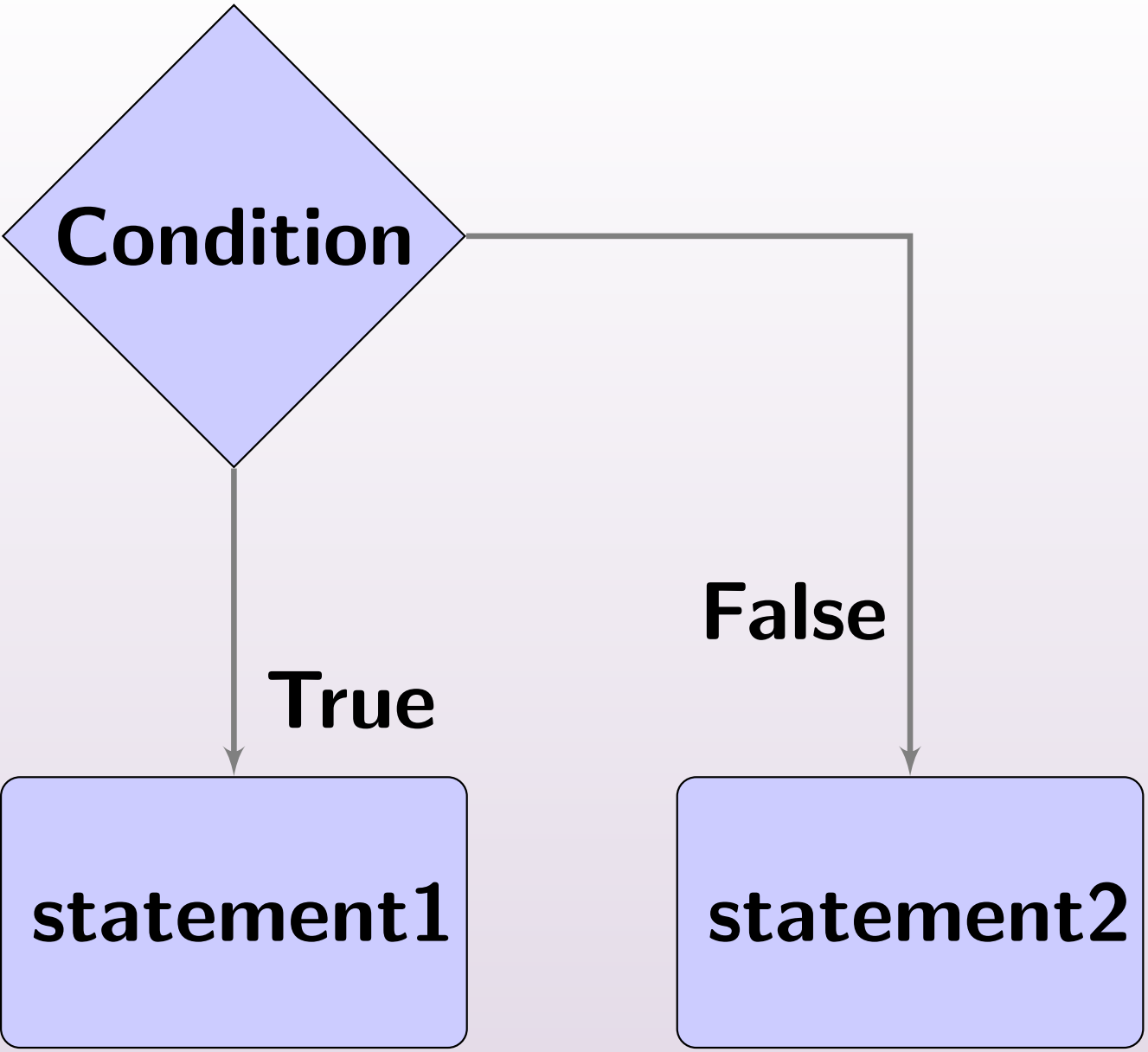
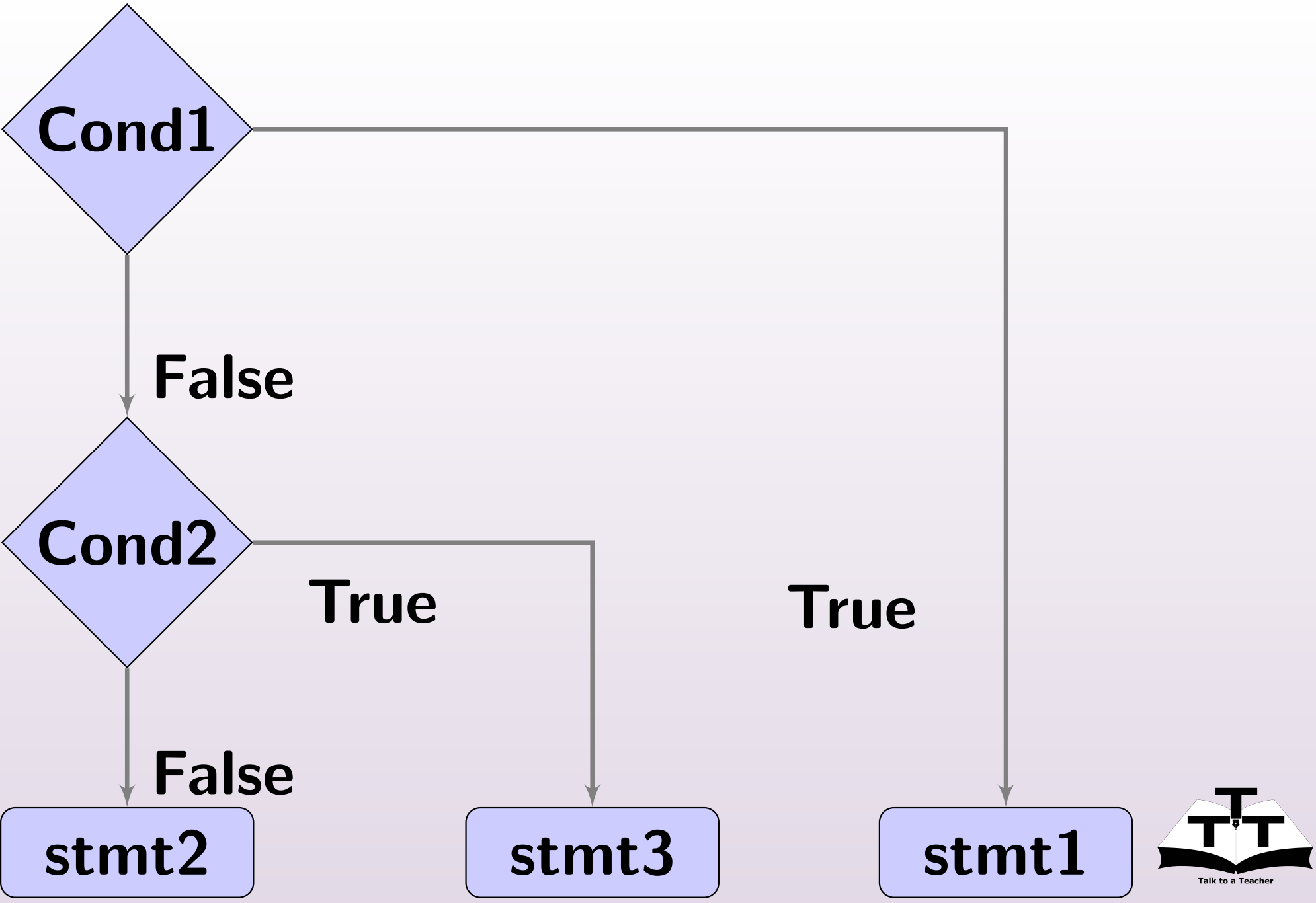
- A statement in a program controls the flow of program execution
- It helps to make decision on, what code is to be executed
- We can check the conditions, whether true or false
- We can execute a single statement or a group of statements


Condition
True
False
statement1
statement2


Cond1
False
Cond2
True
True
False
stmt2
stmt3
stmt1

Summary

- **if statement**
  - **eg. if(condition)**
    {.....
    }
- **else if statement**
  - **eg. else if(condition)**
    {.....
    }

Assignment

- Write a program to check a is greater than b or less than b
- Hint:
- use if statement
- Write another program to check which value is greater a, b or c
- Hint:
- use else-if statement

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