

# Spoken Tutorial - LibreOffice Calc Formulas and Functions

**Script and Narration by  
DesiCrew Solutions Pvt.Ltd.**

**Talk to a Teacher Project**

**<http://spoken-tutorial.org>**

**National Mission on Education through ICT**

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

**August 25, 2012**



# Learning Objectives



Talk to a Teacher



# Learning Objectives

## 1. Conditional Operator



Talk to a Teacher



# Learning Objectives

1. **Conditional Operator**
2. **If..Or statement**



Talk to a Teacher



# Learning Objectives

1. **Conditional Operator**
2. **If..Or statement**
3. **Basic statistic functions**



Talk to a Teacher



# Learning Objectives

1. **Conditional Operator**
2. **If..Or statement**
3. **Basic statistic functions**
4. **Rounding off numbers**



Talk to a Teacher



# System Requirements

Here we are using:

- ▶ **Ubuntu Linux version 10.04**



# System Requirements

Here we are using:

- ▶ **Ubuntu Linux version 10.04**
- ▶ **LibreOffice Suite version 3.3.4**



# Conditional Operator



Talk to a Teacher



# Conditional Operator

- ▶ We have already learnt about the basic operators -



Talk to a Teacher



# Conditional Operator

- ▶ We have already learnt about the basic operators -
  - ▶ addition



# Conditional Operator

- ▶ We have already learnt about the basic operators -
  - ▶ addition
  - ▶ subtraction



# Conditional Operator

- ▶ **We have already learnt about the basic operators -**
  - ▶ addition
  - ▶ subtraction
  - ▶ **average**



Talk to a Teacher



# Conditional Operator

- ▶ We have already learnt about the basic operators -
  - ▶ addition
  - ▶ subtraction
  - ▶ average
- ▶ Now we shall learn about Conditional Operators



Talk to a Teacher



# Conditional Operator

## Conditional Operators



# Conditional Operator

## Conditional Operators

- ▶ check for the condition applied on the data by the user



Talk to a Teacher



# Conditional Operator

## Conditional Operators

- ▶ check for the condition applied on the data by the user
- ▶ and then show the results in boolean -  
**TRUE or FALSE**



Talk to a Teacher

# If and Or Condition

Use the If and Or condition

- ▶ to print the results



# If and Or Condition

## Use the If and Or condition

- ▶ to print the results
- ▶ according to the condition



Talk to a Teacher



# If and Or Condition

## Use the If and Or condition

- ▶ to print the results
- ▶ according to the condition
- ▶ that holds **TRUE**



Talk to a Teacher



# Arithmetic Functions

**Basic arithmetic functions include**

- ▶ **SUM for addition**



Talk to a Teacher



# Arithmetic Functions

**Basic arithmetic functions include**

- ▶ **SUM** for addition
- ▶ **PRODUCT** for multiplication



# Arithmetic Functions

Basic arithmetic functions include

- ▶ **SUM** for addition
- ▶ **PRODUCT** for multiplication
- ▶ **QUOTIENT** for division



# Arithmetic Functions

**Basic arithmetic functions include**

- ▶ **SUM** for addition
- ▶ **PRODUCT** for multiplication
- ▶ **QUOTIENT** for division
- ▶ **and many more**



# Statistic Functions

**Statistical functions are useful**

- ▶ **for analysis of data in spreadsheets**



Talk to a Teacher



# Statistic Functions

**Statistical functions are useful**

- ▶ **for analysis of data in spreadsheets**
- ▶ **For example,**



Talk to a Teacher



# Statistic Functions

**Statistical functions are useful**

- ▶ **for analysis of data in spreadsheets**
- ▶ **For example,**
- ▶ **Functions like COUNT, MIN, MAX, MEDIAN, MODE**



# Statistic Functions

**Statistical functions are useful**

- ▶ **for analysis of data in spreadsheets**
- ▶ **For example,**
- ▶ **Functions like COUNT, MIN, MAX, MEDIAN, MODE**
- ▶ **and many more are statistical in nature**



# Summary



Talk to a Teacher



# Summary

## 1. Conditional operator



Talk to a Teacher



# Summary

1. **Conditional operator**
2. **If..Or statement**



Talk to a Teacher



# Summary

1. **Conditional operator**
2. **If..Or statement**
3. **Basic statistic functions**



Talk to a Teacher



# Summary

1. Conditional operator
2. If..Or statement
3. Basic statistic functions
4. Rounding off numbers



Talk to a Teacher



# About the Spoken Tutorial Project



# 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



Talk to a Teacher



# 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>



# About the contributor

- ▶ This tutorial has been contributed by **DesiCrew Solutions Pvt.Ltd.**
- ▶ [www.desicrew.in](http://www.desicrew.in)
- ▶ Thanks for joining



Talk to a Teacher

