

# 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>**

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# Learning Objectives



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# Learning Objectives

## 1. Conditional Operator



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# Learning Objectives

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



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# Learning Objectives

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



# Learning Objectives

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



# 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



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# Conditional Operator

- ▶ We have already learnt about the basic operators -



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# Conditional Operator

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



# Conditional Operator

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



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# Conditional Operator

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



# Conditional Operator

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



# Conditional Operator

## Conditional Operators



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# Conditional Operator

## Conditional Operators

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



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# 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**



# If and Or Condition

Use the If and Or condition

- ▶ to print the results



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# If and Or Condition

Use the If and Or condition

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



# If and Or Condition

Use the If and Or condition

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



# Arithmetic Functions

Basic arithmetic functions include

- ▶ **SUM for addition**



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# 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**



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# Statistic Functions

**Statistical functions are useful**

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



# Statistic Functions

**Statistical functions are useful**

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



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# 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



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# Summary

## 1. Conditional operator



# Summary

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



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# Summary

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



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# Summary

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



# About the Spoken Tutorial Project



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# 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



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- ▶ It summarises the Spoken Tutorial project
- ▶ If you do not have good bandwidth, you can download and watch it



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# 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

