Formulas and Functions in Calc

Spoken Tutorial Project
National Mission on Education through ICT
http://spoken-tutorial.org

Tutorial by
DesiCrew Solutions Pvt. Ltd.
Video Production by
Spoken Tutorial Team, IIT Bombay

17 October 2014

Learning Objectives

Learning Objectives

1. **Conditional Operator**

Learning Objectives

1. **Conditional Operator**

2. **If..Or statement**

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:

- **GNU/Linux**

System Requirements

Here we are using:

- **GNU/Linux**

- **LibreOffice Suite version 3.3.4**

Conditional Operator

Conditional Operator

- We have already learnt about the basic operators -

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**

Conditional Operator

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

- **Now, we shall learn about Conditional Operators.**

Conditional Operator

Conditional Operators

Conditional Operator

Conditional Operators

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

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**

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

desicrew

Arithmetic Functions

Basic arithmetic functions include

- **SUM for addition**

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

Statistic Functions

Statistical functions are useful

- **for analysis of data in spreadsheets**

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**

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

Summary

1. **Conditional operator**

2. **If..Or statement**

3. **Basic statistic functions**

4. **Rounding off numbers**

About the Spoken Tutorial Project

desicrew

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

desicrew

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**

- ▶ **If you do not have good bandwidth, you can download and watch it**

desicrew

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**

desicrew

About the contributor

- **This tutorial has been contributed by DesiCrew Solutions Pvt.Ltd.**

- **www.desicrew.in**

- **Thanks for joining**