

Markup Language and Formula Formatting

Spoken Tutorial Project

<https://spoken-tutorial.org>

National Mission on Education through ICT

<http://sakshat.ac.in>

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Learning Objectives



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We will learn:



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We will learn:

- ▶ **Markup language for writing the formulae**



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- ▶ **Markup language for writing the formulae**
- ▶ **How to use brackets to state the order of the operation**



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We will learn:

- ▶ Markup language for writing the formulae
- ▶ How to use brackets to state the order of the operation
- ▶ **How to format the formulae**



System Requirements



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This tutorial is recorded using:



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This tutorial is recorded using:

▶ **Ubuntu Linux OS version 18.04**



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This tutorial is recorded using:

- ▶ **Ubuntu Linux OS version 18.04**
- ▶ **LibreOffice Suite version 6.3.5**



Prerequisites



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- ▶ **Learner should be familiar with Math interface**



Prerequisites

- ▶ Learner should be familiar with Math interface
- ▶ If not please access the relevant tutorials on this website
<https://spoken-tutorial.org>



Summary

We have learnt:

- ▶ **Markup language for writing the formulae**
- ▶ **How to use brackets to state the order of the operation**
- ▶ **How to format the formulae**



Assignment



Assignment

- ▶ **In the Writer window, call the Math application**
- ▶ **Write the following formulae using Markup language**
- ▶ **Use Elements dock if necessary**



Assignment

- ▶ Summation of x squared
- ▶ \sin to the power of x plus \cos to the power of x is equal to 1
- ▶ Summation from 1 to n of x
- ▶ Use Operators category to set the limits for summation
- ▶ Save the file as Math-assignment.odt



Assignment

- ▶ **Change the font style of the formulae to Lato Black and font size to 20 point**
- ▶ **Provide more spacing between the symbols**
- ▶ **Colour the characters in the formulae to green**



About Spoken Tutorial project

- ▶ Watch the video available at https://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



Answers for THIS Spoken Tutorial

- ▶ **Questions in THIS Spoken Tutorial?**
- ▶ **Visit**
<https://forums.spoken-tutorial.org>
- ▶ **Choose the minute and second where you have the question**
- ▶ **Explain your question briefly**
- ▶ **The Spoken Tutorial project will ensure an answer**

You will have to register to ask questions



Acknowledgements

- ▶ **Spoken Tutorial project is funded by the Ministry of Education, Govt. of India**



About the contributor

- ▶ This tutorial was originally contributed by **DesiCrew Solutions Pvt.Ltd in 2011**
- ▶ **www.desicrew.in**
- ▶ Thank you for joining

