

# Spoken Tutorial LibreOffice Draw Working with 3D Objects

**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



# Learning Objectives

**Create 3D objects using**



# Learning Objectives

## Create 3D objects using

- ▶ **Extrusion**



# Learning Objectives

**Create 3D objects using**

- ▶ **Extrusion**
- ▶ **3D Toolbar**



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# Learning Objectives

**Create 3D objects using**

- ▶ **Extrusion**
- ▶ **3D Toolbar**
- ▶ **3D Rotation Object**



# Learning Objectives



# Learning Objectives

- ▶ **Edit and apply 3D effects to objects**



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# Learning Objectives

- ▶ Edit and apply 3D effects to objects
- ▶ Create special effects using **Duplication**



# Prerequisites



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# Prerequisites

**To use this tutorial, you must be familiar with**

- ▶ **Basic and Intermediate level tutorials in Draw**



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# System Requirements



# System Requirements

- **Ubuntu Linux version 10.04**



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# System Requirements

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



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# Objects

- **Let's create a geometry chart**



# Objects

- ▶ Let's create a geometry chart
- ▶ which shows a 2D shape and





# Objects

- ▶ Let's create a geometry chart
- ▶ which shows a 2D shape and
- ▶ its equivalent 3D form



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# Objects

- ▶ Let's create a geometry chart
- ▶ which shows a 2D shape and
- ▶ its equivalent 3D form
- ▶ Ex: A square is a 2D object



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# Objects

- ▶ Let's create a geometry chart
- ▶ which shows a 2D shape and
- ▶ its equivalent 3D form
- ▶ Ex: A square is a 2D object
- ▶ A cube is its 3D form



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# Create 3D objects by Extrusion

**The method of**



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# Create 3D objects by Extrusion

**The method of**

- ▶ **obtaining a 3D object**



# Create 3D objects by Extrusion

**The method of**

- ▶ **obtaining a 3D object**
- ▶ **using a 2D object**



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# Create 3D objects by Extrusion

The method of

- ▶ obtaining a 3D object
- ▶ using a 2D object
- ▶ is called **Extrusion**



# Assignment





# Assignment

- ▶ Add a new page to your Draw file
- ▶ Draw a square and type the text **Square**
- ▶ Convert the square with text to 3D



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# Assignment

- ▶ Compare with the text from the 2D square text
- ▶ Hint: Use the **3D Settings** toolbar to create 3D objects



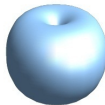
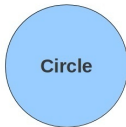
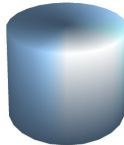
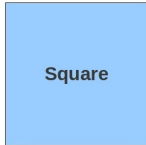
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# Assignment



# Assignment

"Geometric shapes in 2D and 3D Rotation"



# Assignment

- ▶ Create a similar picture like the one shown on the slide
- ▶ Use the **3D Effects** dialog box to achieve this



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# Create Special Effects



# Create Special Effects

**Create special effects using**



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# Create Special Effects

Create special effects using

- ▶ **Duplication** with 2D and 3D objects





# Summary



# Summary

## Create 3D objects using

- ▶ Extrusion
- ▶ 3D Toolbar
- ▶ 3D Rotation Object



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# Summary

- ▶ We learnt to edit 3D objects and apply 3D effects to objects
- ▶ We also learnt to create special effects using **Duplication**



# 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



# About 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)



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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

<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

