

Draft Modification Tools

Spoken Tutorial Project

<https://spoken-tutorial.org>

National Mission on Education through ICT

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Learning Objectives



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We will perform the following object operations



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We will perform the following object operations

▶ **Mirror, Offset**

Learning Objectives

We will perform the following object operations

- ▶ **Mirror, Offset**
- ▶ **Delete**
- ▶ **Trim, Extend**
- ▶ **Downgrade, Upgrade**
- ▶ **Rotate and Line segmentation**



System Requirements



Pre-requisites



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- ▶ **Learners must be familiar with the FreeCAD interface**



Code Files



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- ▶ The files used in this tutorial are provided in the Code files link



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- ▶ Please download and extract the files



Code Files

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- ▶ Make a copy and use them while practising



Summary



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In this tutorial, we learned about various Draft modification tools

- ▶ **Mirror**
- ▶ **Upgrade and downgrade**
- ▶ **Rotate**
- ▶ **Trimex and Offset**



Assignment

- ▶ **Draw a line**
- ▶ **Scroll down to subdivisions in the value tab in combo view**
- ▶ **Change it to 5 and press Enter**
- ▶ **Move the cursor over the line**
- ▶ **Notice the 6 equal segments**



Assignment



Assignment

Practice the modification tools learned in this tutorial

- ▶ **Rotate, offset, downgrade, upgrade and mirror tools**



About the Spoken Tutorial Project

- ▶ Watch the video available at https://spoken-tutorial.org/What_is_a_Spoken_Tutorial
- ▶ It summarises the Spoken Tutorial project

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



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