

# Drawing a Floor Plan

Spoken Tutorial Project

<https://spoken-tutorial.org>

National Mission on Education through ICT

Dr. Sreenath S & Harsh C.P.N  
SASTRA, IIT Bombay

18 February 2025



# Learning Objectives



# Learning Objectives

**We will learn to,**



# Learning Objectives

**We will learn to,**

- ▶ **Draw a 1BHK floor plan in FreeCAD**



# Learning Objectives

**We will learn to,**

- ▶ **Draw a 1BHK floor plan in FreeCAD**
- ▶ **Position doors, windows, openings and ventilators**

# System Requirements



# System Requirements

**To record this tutorial, I am using:**



# System Requirements

To record this tutorial, I am using:

► **Windows 11**



# System Requirements

To record this tutorial, I am using:

- ▶ **Windows 11**
- ▶ **FreeCAD v0.21.2**

# Pre-requisites



# Pre-requisites

**To follow this tutorial,**



# Pre-requisites

To follow this tutorial,

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



# Pre-requisites

To follow this tutorial,

- ▶ Learners must be familiar with the FreeCAD interface
- ▶ For pre-requisite tutorials, please visit this site

<https://spoken-tutorial.org>





# Assignment

**For the assignment activity, please do the following:**

- ▶ Practice Offset tool and Split tool**
- ▶ Make a similar line plan for 2BHK**



# About the Spoken Tutorial Project

- ▶ Watch the video available at [https://spoken-tutorial.org/What\\_is\\_a\\_Spoken\\_Tutorial](https://spoken-tutorial.org/What_is_a_Spoken_Tutorial)
- ▶ It summarises the Spoken Tutorial project

# About the Spoken Tutorial Project

- ▶ Watch the video available at [https://spoken-tutorial.org/What\\_is\\_a\\_Spoken\\_Tutorial](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



# Forum questions

- ▶ 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

**The Spoken Tutorial project was established at IIT Bombay by the Ministry of Education, Govt. of India**



# Thank You!

- ▶ **This tutorial is contributed by Dr. Sreenath S & Harsh C.P.N**
- ▶ **Thank you for joining**

