

Fixing the Wire is not Closed Error

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Learning Objectives

In this tutorial we will learn to,

- ▶ **Understand the wire is not closed error in FreeCAD**
- ▶ **Identify gaps or overlapping lines in a sketch using the Validate sketch tool**
- ▶ **Fix the error and pad the sketch**



System Requirements

To record this tutorial, I am using:

- ▶ **Windows 11**
- ▶ **FreeCAD v1.0.0**

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Pre-requisites

To follow this tutorial,

- ▶ **Learners should have basic knowledge of the FreeCAD interface**

Summary

In this tutorial we learnt to,

- ▶ Understand the Wire is not closed error in FreeCAD
- ▶ Identify gaps or overlapping lines in a sketch using the Validate sketch tool
- ▶ Fix the error and pad the sketch



Assignment

As an assignment,

- ▶ **In Sketcher, draw a rectangle**
- ▶ **Add a line over one rectangle edge**
- ▶ **Close the sketch and try padding**
- ▶ **If an error appears, reopen the sketch**



Assignment

- ▶ If an error occurs, reopen the sketch
- ▶ Use Validate Sketch **tool** to find overlaps
- ▶ Delete the extra line and close sketch
- ▶ Check if padding works



Thank you

