

# Introduction to LDmicro

**Spoken Tutorial Project**

<https://spoken-tutorial.org>

**National Mission on Education through ICT**

<http://sakshat.ac.in>

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# Learning Objectives

- Explore LDmicro interface



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- Explore LDmicro interface
- Create a simple ladder logic



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- Create a simple ladder logic
- **Simulate it in LDmicro**



# System Requirements



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- **Ubuntu Linux 18.04 operating system**



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- **LDmicro**



# Pre-requisites





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- To follow this tutorial, you should have **LDmicro** installed on your system



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- If not, please refer to the relevant tutorials in this series on this <https://spoken-tutorial.org>



# Instructions



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- Mainly two types, input and output instructions



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- Output instructions are always the last instruction in a rung



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- Mainly two types, input and output instructions
- Output instructions are always the last instruction in a rung
- Minimum of one output instruction in a rung



# Multiple inputs and Multiple outputs



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- Multiple inputs can be connected either in series or in parallel





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- Multiple inputs can be connected either in series or in parallel
- Multiple outputs in series is not preferred



# Multiple inputs and Multiple outputs

- Multiple inputs can be connected either in series or in parallel
- Multiple outputs in series is not preferred
- We can add multiple outputs in parallel



# Summary

- Explore LDmicro interface
- Create a simple ladder logic



# 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
- 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](mailto:contact@spoken-tutorial.org)



# 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**



# Forum to specific questions

- Questions not related to the Spoken Tutorial?
- Do you have general / technical questions on the Software?
- Please visit the FOSSEE Forum  
<http://forums.fossee.in/>
- Choose the Software and post your question



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# THANK YOU!

For more Information, visit our website  
<http://fossee.in/>

