



LOGISIM TUTORIALS



Introduction to Digital Logic Design using Logisim

**A Comprehensive Guide to Digital Circuits and
Systems**

Overview of the Tutorial

Basic Logic Gates and
Circuits

Combinational Circuits

Sequential Circuits

Arithmetic Logic Unit
(ALU)

Memory Components

Simple CPU Design

Learn to design digital circuits using Logisim, from basic gates to a simple CPU.

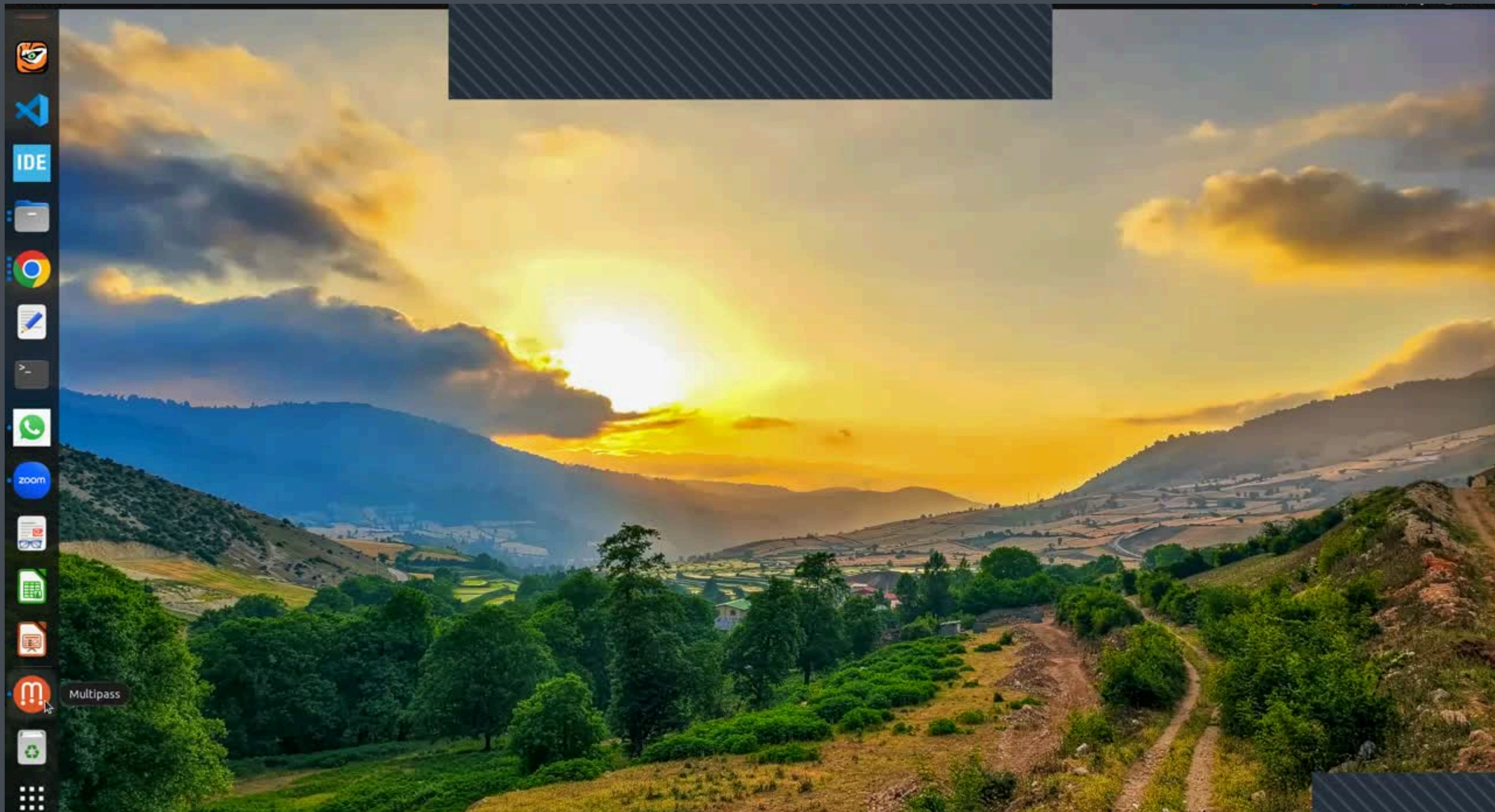
Introduction to Logisim

What is Logisim?

- Free, open-source software for designing and simulating digital circuits
- Suitable for educational purposes

Installation

```
sudo apt update  
sudo apt install logisim
```

Thank You

