

## Yosys

```
$ sudo apt-get update
$ git clone https://github.com/YosysHQ/yosys.git
$ cd yosys
$ sudo apt install make (If make is not installed please install it)
$ sudo apt-get install build-essential clang bison flex \ libreadline-dev gawk tcl-dev libffi-dev git
\ graphviz xdot pkg-config python3 libboost-system-dev \ libboost-python-dev
libboost-filesystem-dev zlib1g-dev
$ make config-gcc
$ make $ sudo make install
```

```
kiit@KIIT3720:~$ cd yosys
kiit@KIIT3720:~/yosys$ yosys
```

```
yosys -- Yosys Open SYnthesis Suite
```

```
Copyright (C) 2012 - 2020 Claire Xenia Wolf <claire@yosyshq.com>
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Yosys 0.33 (git sha1 2584903a060)
```

```
yosys> |
```

Iverilog

sudo apt-get update

sudo apt-get install iverilog

```
kiit@KIIT3720:~$ iverilog -V
```

```
Icarus Verilog version 12.0 (stable) ()
```

```
Copyright (c) 2000-2021 Stephen Williams (steve@icarus.com)
```

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```
Icarus Verilog Preprocessor version 12.0 (stable) ()
```

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gtkwave

sudo apt-get update

sudo apt install gtwave

