

# IMPLEMENTING THE MINI-CALCULATOR ASIC

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# Hot Fix

We need yet another instalation inside the librelane nix-shell.

```
$ apt update  
$ apt install -y xdot graphviz
```



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# Synthesis

So far we have the RTL of the mini-calculator. But now we want to make it an ASIC. Lets just take a look into what the synthesis looks like.

1. Go into the firstdesign/M2\_BCD/src/ folder and then run:

```
$ yosys  
$ show
```

What are we looking at ?

2. Now inside yosys run:

```
$ synth  
$ show
```