Lab #4 陈威宇 2000013052

Part1

见图 1.

```
(base) cwy@ubuntu:~/gem5$ build/ARM/gem5.opt configs/example/se.py -c tests/test
-progs/hello/bin/arm/linux/hello
gem5 Simulator System. https://www.gem5.org
gem5 is copyrighted software; use the --copyright option for details.
gem5 version 22.0.0.2
gem5 compiled Nov 12 2022 02:17:33
gem5 started Nov 12 2022 04:52:42
gem5 executing on ubuntu, pid 14200
command line: build/ARM/gem5.opt configs/example/se.py -c tests/test-progs/hello
/bin/arm/linux/hello
Global frequency set at 100000000000 ticks per second
warn: No dot file generated. Please install pydot to generate the dot file and p
build/ARM/mem/dram_interface.cc:690: warn: DRAM device capacity (8192 Mbytes) do
es not match the address range assigned (512 Mbytes)
0: system.remote qdb: listening for remote qdb on port 7000
**** REAL SIMULATION ****
build/ARM/sim/simulate.cc:194: info: Entering event queue @ 0. Starting simulat
ion...
Hello world!
Exiting @ tick 2916500 because exiting with last active thread context
Simulated exit code not 0! Exit code is 13
```

图 1: Part1

Part2

1

见图 2.

 $\mathbf{2}$

见图 3.

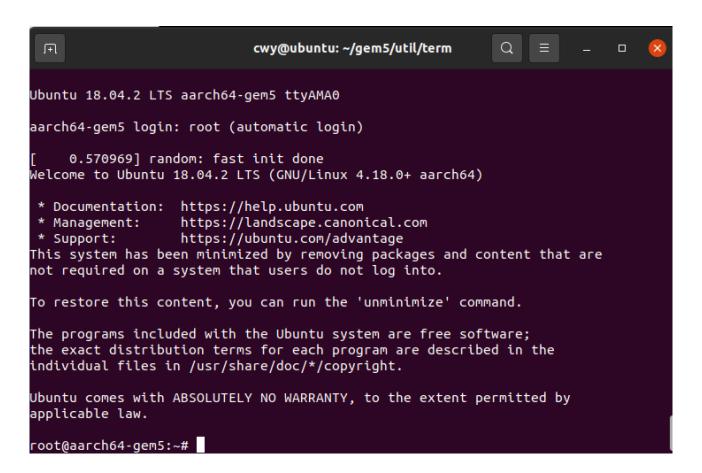


图 2: Part2-1

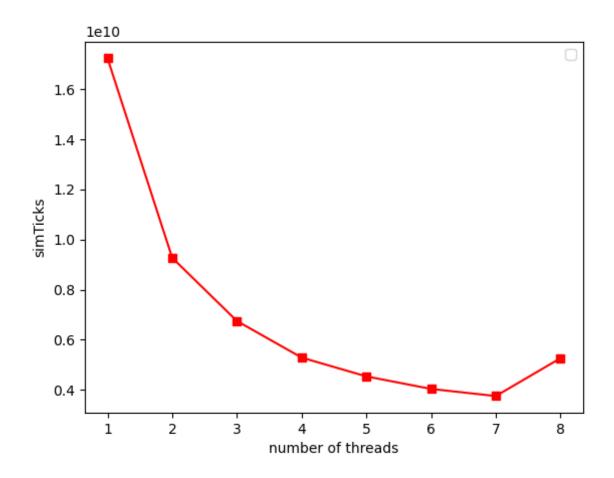


图 3: Part2-2