##lab0.50000

001: 00GDB000000

0000 x/10i \$pc 000000010000000

```
(gdb) x/10i $pc
=> 0x1000: auipc t0,0x0
  0x1004:
           addi a1,t0,32
  0×1008:
           csrr a0,mhartid
  0x100c: ld
0x1010: jr
                    t0,24(t0)
                    t0
  0x1014:
           unimp
  0x1016:
            unimp
  0x1018:
             unimp
  0x101a:
             0x8000
  0x101c:
             unimp
```

Breakpoint 1 at 0x80200000: file kern/init/entry.S, line 7.

- la sp, bootstacktop [] bootstacktop [] [] sp [] []
- tail kern_init [][[][[][][] kern_init

0000000000debug000000000

```
OpenSBI v0.4 (Jul 2 2019 11:53:53)
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      |-|
Platform Name
                   : QEMU Virt Machine
Platform HART Features : RV64ACDFIMSU
Platform Max HARTs : 8
             : 0
: 0×80000000
Current Hart
Firmware Base
```

Firmware Size : 112 KB Runtime SBI Version : 0.1

PMP0: 0x0000000080000000-0x000000008001ffff (A)

0 continue 0 debug0 0 0 0 0 0 0 0 0

```
(THU.CST) os is loading \dots
```

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- kernel.ld 🗓 🗓