

COMPUTER SCIENCE AND ENGINEERING Indian Institute of Technology Palakkad CS3110: Operating Systems Lab

 $Lab \ \vec{3}$

19-Aug-2024

- 1. Familiarize yourself with gdb the GNU debugger.
- 2. Explore remote debugging of xv6 under QEMU.
- 3. Write a 32-bit RISC-V kernel that prints "hello world" every 1 second.
- 4. Write a 32-bit RISC-V kernel that displays the character corresponding to the keys pressed on the keyboard.