COMPUTER SCIENCE AND ENGINEERING
Indian Institute of Technology Palakkad
CS3110: Operating Systems Lab
Lab 2

16-Jan-2024

1. Familiarize yourself with `gdb` – the GNU debugger.

2. Explore remote debugging of xv6 under QEMU. Visit

3. Write a 32-bit RISC-V kernel that prints "hello world." Run it using QEMU.

4. Write a 32-bit RISC-V kernel that prints "hello world" every 1 second.

5. Write a 32-bit RISC-V kernel that displays the character corresponding to the keys pressed on the keyboard.