

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

12-Aug-2024

- 1. Write a 32-bit RISC-V kernel that prints "hello world." Run it using QEMU.
- 2. Implement splitting and coalescing scheme for free space memory management presented in Section 17.2 of the book "Operating Systems: Three Easy Pieces."
- 3. Implement the buddy allocation for free space memory management in Section 17.2 of the book "Operating Systems: Three Easy Pieces."
- 4. Create an automated test framework to understand performance of the above schemes.