

2021 Autumn Lectures - Operating System

Requirements of Term Project #1 - Scheduling Queues

Writer: Jahun Bang

Deadline: 1st Oct 2021

Q&A: jhb@oslab.khu.ac.kr

1. PCB Implementation

- Implement the PCB using Struct or Class
- You should to implement the PID, Pointer, and Process Status in PCB

2. Scheduling Queues Implementation

- Implement 3 Kinds Queues such as Job Queue, Ready Queue and Device Queue
- You should to implement In/Out function each queue
- You can freely fill in the contents into the PCB and Queues as well as scheduling logic like
(P1 -> P3 -> P4)
- Print currently running process and the status of other processes in the console.

3. Report

- You have to submit a short report on how to perform your program and the results of outputs