

Operating System

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Outline

- What is Operating System?
- Course Outcome
- Syllabus

What is Operating System?

- A Computer System consists of various hardware's such as



Processor



RAM



Keyboard & Mouse



Hard Disk



Monitor



Printer

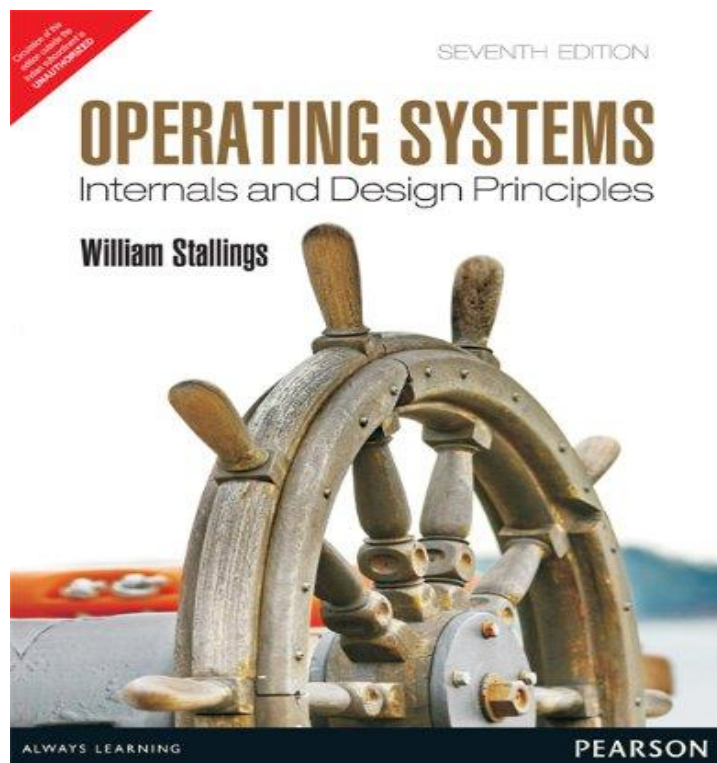
- Who manages (controls) these hardware's?

Course Outcomes

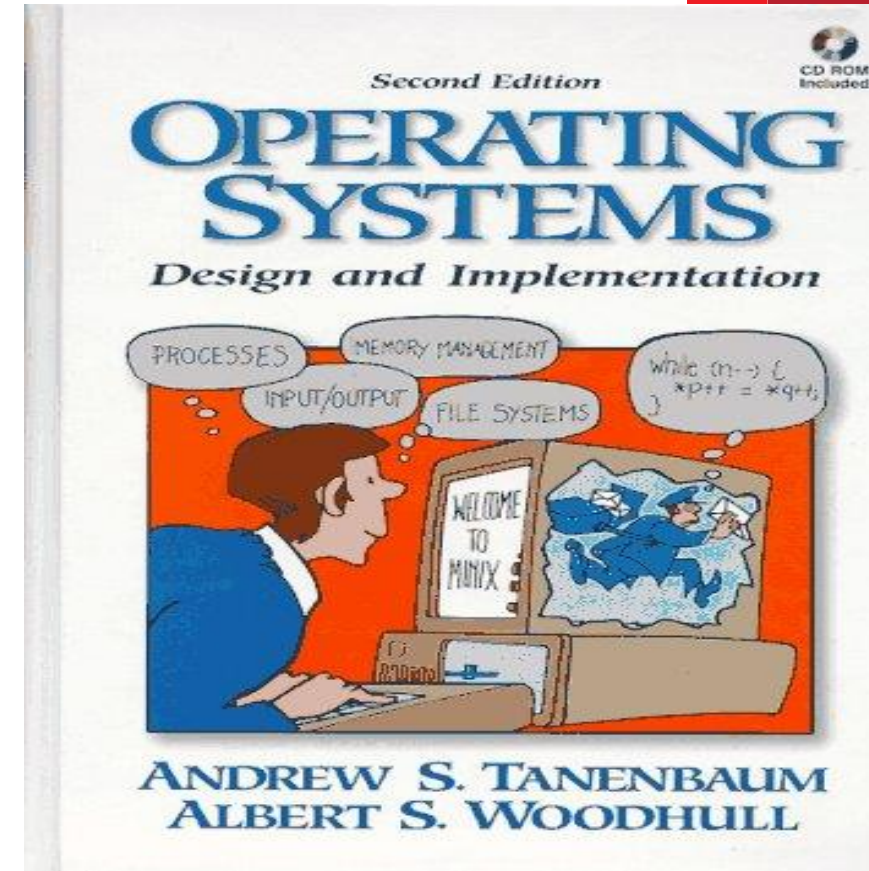
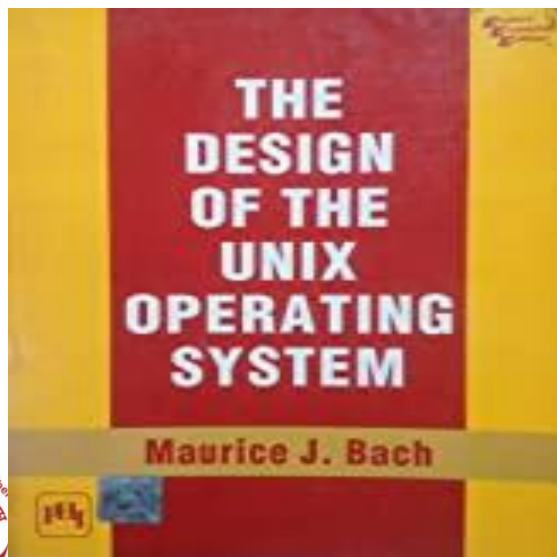
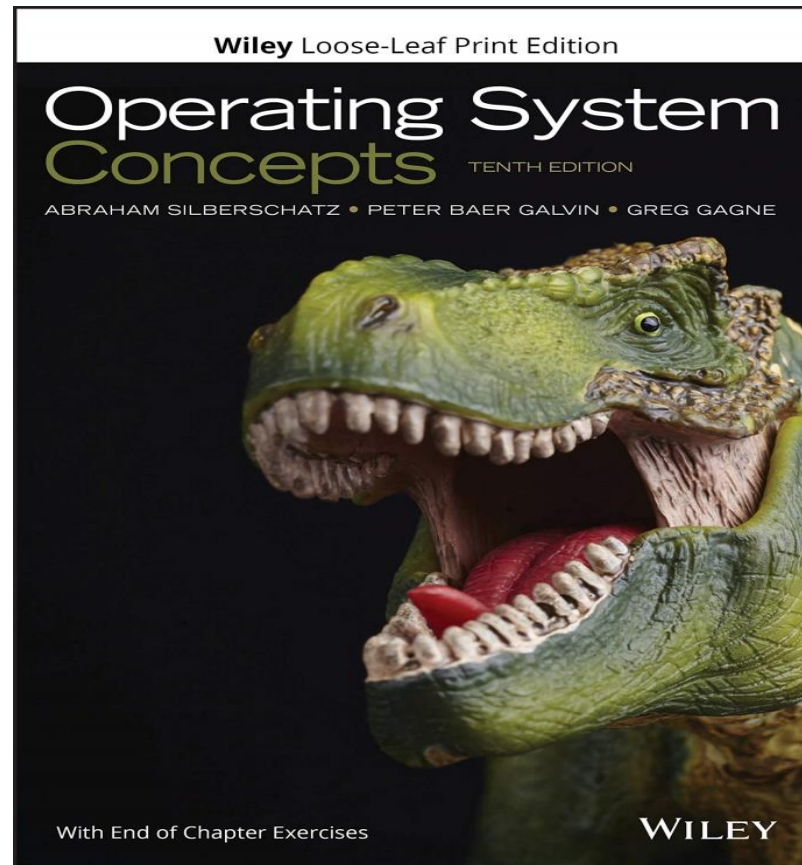
1. Identify the different system programs and their utility and Explain the fundamental concepts of operating system with extension to Unix and Mobile OS
2. Illustrate and analyze the Process, threads, process scheduling and thread scheduling
3. Describe the problems related to process concurrency and the different synchronization mechanisms available to solve them.
4. Explain disk organization and file system structure with illustration of disk scheduling algorithms
5. Understand Storage management with allocation

Syllabus

- Introduction to system software
- Process concept and Scheduling
- Process concurrency
- Input-output and file management
- Storage management



Reference Text Books



Contact

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Question ?