Operating System

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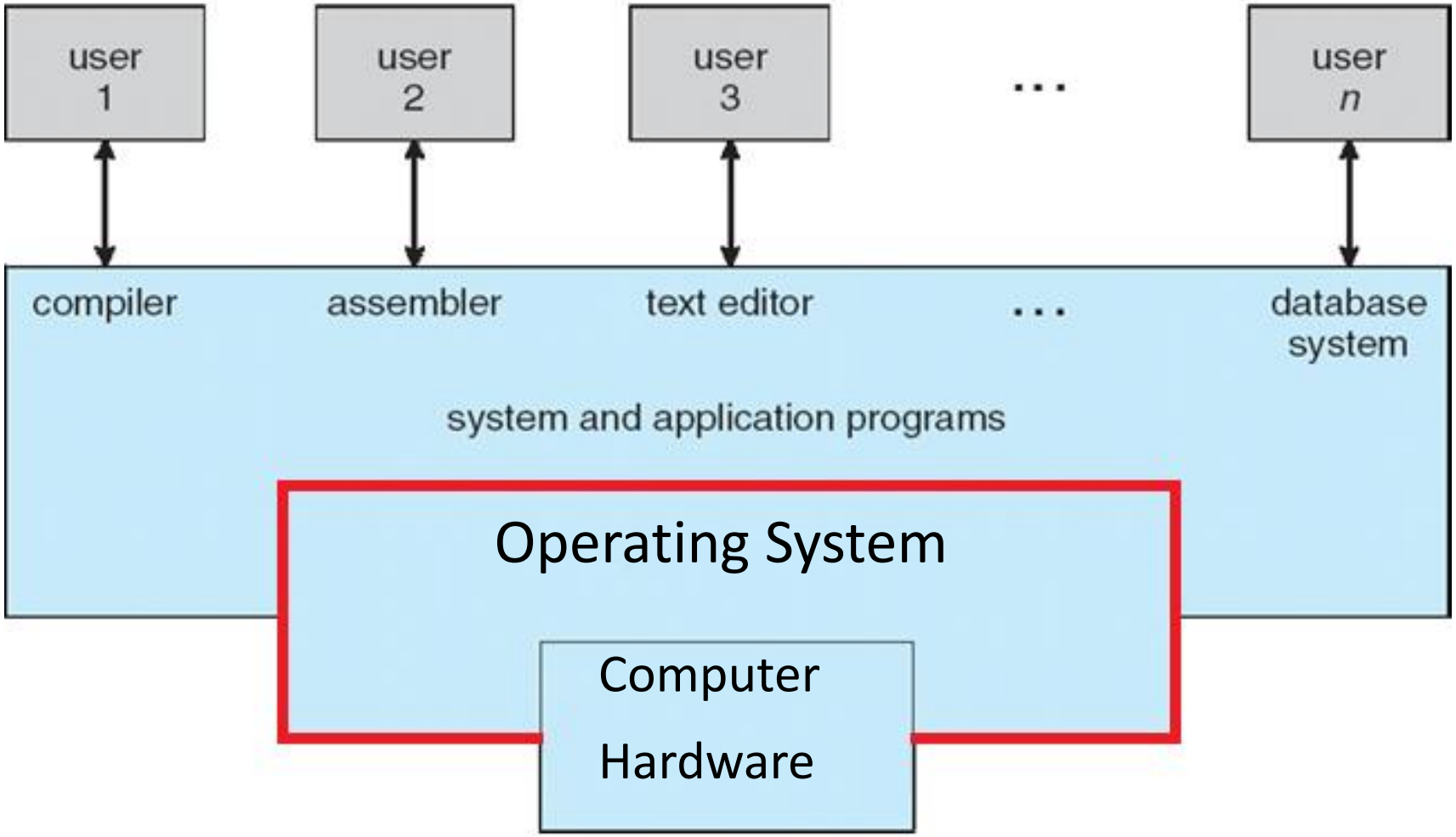
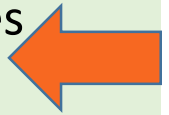
System Overview

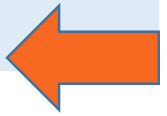


Course Outline

PART 1: Overview	Ch1 Introduction Ch2 Operating-System structure
PART 2: Process Management	Ch3 Process concept Ch4 Threads & Concurrency Ch5 CPU scheduling
PART 3: Process Synchronization	Ch6 Process synchronization Ch7 Synchronization examples Ch8 Deadlock
PART 4: Memory Management	Ch9 Main memory Ch10 Virtual memory
PART 5: Storage Management	Ch11 Mass storage systems Ch12 I/O systems
PART 6: File system	Ch13 File-system interface Ch14 File system implementation Ch15 File internal



Midterm



Final exam

- **Textbook**
  - Operating System Concepts, by Abraham Silberschatz, Peter B. Galvin, Greg Gagne. WILEY, Tenth Edition.

- **Grading**
  - Examinations: 60% (mid + final).
  - Programming Homework : 25%
  - quiz: 15%

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