Class Day	Theory Topics
1st	objectives and explain functions of operating system
2nd	Evolution of operating system
3rd	Structure of operating system.
4th	Process Concept
5th	
1st	interacting Processes
2nd	inter Process messages
3rd	Process Control
4th	implementation issues of Processes
5th	Process scheduling
1st	Job scheduling
2nd	Process synchronization
3rd	Semaphore
4th	Principle of Concurrency
5th	types of scheduling

Class Day	Theory Topics
1st	memory allocations, Techniques
2nd	Contiguous, memory allocation
3rd	non contiguous memory allocation
4th	Scrapping
5th	
1st	Paging
2nd	Segmentation
3rd	virtual memory using Paging
4th	Demand Paging
5th	
1st	Page fault handling
2nd	Techniques for device management
3rd	Dedicated
4th	shared and
5th	

Class Day	Theory Topics
1st	Virtual
2nd	Device allocation considerations I/O traffic
3rd	Spooling
4th	Concept of deadlock
5th	
1st	System model
2nd	Deadlock detection
3rd	Resources allocation graph
4th	Methods of deadlock handling
5th	
1st	Recovery and prevention
2nd	Explain Bankers Algorithm and safety Algorithm
3rd	File organization
4th	Directory and file structure
5th	

Class Day	Theory Topics
1st	sharing of files
2nd	File access methods
3rd	File systems
4th	Reliability
5th	
1st	Allocation of disk space
2nd	File protection
3rd	Secondary storage management.
4th	Concept of system programing and show difference from application compiler. Compiler
5th	
1st	functions of Compiler
2nd	Compare compiler and interpreter
3rd	Seven phases of Compiler
4th	brief description of each phase.
5th	