

Mehr Chand Mahajan DAV College for Women, Chandigarh

Department of Computer Science and Applications

E-content for BCA-4th Semester

Subject Operating System and Concepts (BCA-16-404)

Teacher's Name: Ms. Deeksha Gupta

Topic Covered: Memory Management

1. Prerequisite of Memory Management
<https://drive.google.com/file/d/1veWenJ1HDD4-GhEJThsh829oU2pp6M9A/view?usp=sharing>
2. Logical and Physical Address Space
https://drive.google.com/file/d/1shR-FAeSsOexAP_mv0SDkq-UypIN_baJ/view?usp=sharing
3. Swapping
<https://drive.google.com/file/d/1zSQOJZzu7Z-kuVmgmfMm-RkSchOeYdoi/view?usp=sharing>
4. Memory Management Schemes
<https://drive.google.com/file/d/1NO78iSjAyhWMNzCYK1dpSPyZkzHS9nY8/view?usp=sharing>
5. Paging- Concept, implementation, Advantages and Disadvantages
<https://drive.google.com/file/d/1FdYPaNXiK2Svqd7V8-IVxV4xecebk55Q/view?usp=sharing>
https://drive.google.com/file/d/1NndT72Npp-sMozFQXHkP2X_FUH2dXJeE/view?usp=sharing
6. Segmentation: Concept, implementation, Advantages and Disadvantages
<https://drive.google.com/file/d/1ocPAbYrIgUxQokOdUdTvmf-IzHNYtthb/view?usp=sharing>
7. Paging Vs Segmentation
<https://drive.google.com/file/d/18ALNgXIEuG8zkgAxspT9Sh9DYYS8X3WQ/view?usp=sharing>
8. Combined Approach: Segmentation with Paging
<https://drive.google.com/file/d/1asCXlgPIBgV3M6zUTqOG6bHXKTK36JQX/view?usp=sharing>
9. Virtual memory and Demand Paging
https://drive.google.com/file/d/17Kuo_EBoH4B3nKuJgspY6XLgeq2mWsKa/view?usp=sharing

Practice Questions:

<https://docs.google.com/document/d/1Bldx1uguSOEbl84UmEycnNFV8k8Uc2a7u/edit?usp=sharing&oid=101278123339297294246&rtpof=true&sd=true>

Please open the link through College G-suit ID

Reference Books:

1. Peterson, J.L. & Silberschatz, A., Operating System Concept, Addison Wesley, reading
2. Brinch, Hansen, Operating System Principles, Prentice Hall of India
3. Haberman, A.N., Introducing to Operating System Design Galgotia Publication, New Delhi.

Student feedback for E-content : <https://forms.gle/LYwTGkgbV11QaqVq5>