

19 Lecture - CS201

Important Subjective

- 1. What is a Sequential Access File?**
Answer: A Sequential Access File is a data file where data is stored in a sequential manner and can only be accessed in a particular order.
- 2. How does a Sequential Access File differ from a Random Access File?**
Answer: A Sequential Access File can only be accessed in a particular order, while a Random Access File allows for random access to data.
- 3. What are the advantages of using Sequential Access Files?**
Answer: Advantages of using Sequential Access Files include efficient handling of large amounts of data, simplicity in implementation, and low overhead.
- 4. What are the disadvantages of using Sequential Access Files?**
Answer: Disadvantages of using Sequential Access Files include the inability to access data randomly, inefficiency in handling small data sets, and unsuitability for real-time processing.
- 5. What type of applications are Sequential Access Files commonly used in?**
Answer: Sequential Access Files are commonly used in batch processing applications such as accounting, payroll, and inventory management systems.
- 6. How is data written to a Sequential Access File?**
Answer: Data is written to a Sequential Access File in a particular order, one record at a time.
- 7. How is data read from a Sequential Access File?**
Answer: Data is read from a Sequential Access File in a particular order, one record at a time.
- 8. Can a Sequential Access File be modified after it has been created?**
Answer: Yes, a Sequential Access File can be modified by adding or deleting records, but the order of the records cannot be changed.
- 9. What are some common file formats used for Sequential Access Files?**
Answer: Common file formats used for Sequential Access Files include text files, CSV files, and log files.
- 10. What are some alternative file storage methods to Sequential Access Files?**
Answer: Alternative file storage methods include Random Access Files, Indexed Files, and Relational Databases.