Exam Preparation: Key Points about Data Structures

- **Definition**: Data structures are containers that help computers store and work with information efficie
- **Types**:
  - Arrays
  - Linked lists
  - Stacks
  - Queues
  - Trees
  - Graphs
- **Description**:
  - Arrays: Lists of things stored in order
  - Linked lists: Chains of connected things
  - Stacks/Queues: Piles of things with specific rules for adding/removing
  - Trees: Hierarchical structures like family trees
  - Graphs: Show connections between different elements
- **Importance**: Understanding and using data structures effectively is crucial for optimizing program pe