## Summary

This chapter discusses many coding interview questions about data structures, which are always the focus of technical interviews. It covers common data structures, such as arrays, strings, linked lists, trees, stacks, and queues. It is necessary for candidates to master these structures.

Arrays and strings are two fundamental data structures that store numbers and characters in continuous memory. Many interview questions about arrays are related to search and sort algorithms. Linked lists and trees may be the most frequently discussed data structures during interviews. Candidates should pay much attention to robustness since there are many pointer operations on lists and trees. Stacks are related to recursion, and queues are related to bread-first-search in graphs. Stacks and queues can help us solve many algorithm problems if we have a deep understanding of them.