1. Explain ArrayList<E>
2. Explain Vector<E>
3. Explain Stack<E>
4. Explain Hashtable<K,V>
5. Explain HashMap<K,V>
6. Explain ConcurrentHashMap<K,V>
7. Explain HashSet<E>
8. Explain LinkedList<E>
9. Explain IdentityHashMap<K,V>
10. Explain WeakHashMap<K,V>
11. Explain CopyOnWriteArrayList<E>
12. Explain CopyOnWriteArraySet<E>
13. How does HashMap<K,V> works?
14. What is collision resolution strategy of HashMap<K,V>?
15. Difference between poll() and remove() in Queue?
16. Why is Queue<E> and Deque<E> interface and not class?
17. What is fail-safe iterator?
18. What is fail-fast iterator?
19. Difference between fail-safe and fail-fast iterator?
20. Explain Iterator<E>
21. Explain ListIterator<E>
22. Difference between Iterator<E> and ListIterator<E>
23. What is criterion to make custom class as Key in Map?
24. Explain PriorityQueue<E>
25. What is and when does ConcurrentModificationException?
26. How to achieve Synchronized Collection?
27. Convert array to List, List to array.
28. Which design pattern is implemented for Iterator<E>
29. How to make Collections read-only?
30. What is UnsupportedException?
31. How collection sort works?
32. How to choose right collection?
33. How to sort objects?
34. What are collections, benefits and why are they important?
35. What are basic interfaces of Collection framework?
36. Is Map<> Collection?
37. Name thread safe collection classes. Explain any one of them.
38. Which algorithms are implemented in Collection Framework?
39. Big O notation for algorithms implemented in Collection framework?
40. Explain hashCode() and equals().
41. What are difference between ArrayList<E> and array?
42. Difference between Hashtable and HashMap.
43. Difference between ArrayList and Vector.
44. Difference between Hashtable and ConcurrentHashMap.
45. Difference between HashMap and ConcurrentHashMap.
46. Difference between HashMap, ConcurrentHashMap and Hashtable.
47. Difference between HashMap, ConcurrentHashMap, Hashtable and Collections.synchronizedMap.
48. Difference between Collection and Collections.
49. Why is Map<K,V> not Collection?
50. Different ways to traverse a list.
51. Different ways to traverse map.