JAVA / J2EE IRP Questions Barclays drive

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1. When to choose HashMap and TreeMap and Why?
2. Concurrent Modification Exception why? And How to resolve?
3. Queue and Stack? Which is prefer to use?
4. Concurrent Class
5. Diff b/w ConcurrentHashMap and HashMap
6. Explain race condition in HashMap
7. What is NavigableHashMap
8. How HashSet works internally?
9. poll and remove metthod
10. fail-fast vs fail-safe
11. Disadvantage of Generic
12. how to resolve ConcurrentModificationException
13. Singleton - how many ways to create singleton class
14. what is code to not clone and seralize the singletion class
15. what is double checking lock in singleton
16. how to use volatile
17. Executor.submit Vs Execuotr.execute
18. use of ThreadLocal
19. Yield method
20. java.util.concurrent.Future
21. CountDownLatch
22. Recursive Task and Recursive Action
23. states of Thread
24. Stretgy and State DP
25. Decorate DP
26. Proxy
27. Factory
28. Diff b/w get and load in Hibernate
29. Query class
30. Fectching technique
31. Caching technique
32. what is sessionFactory
33. save Vs Persist
34. sorted Vs Ordered collection in Hibernate
35. How to generate PK
36. Spring Context API
37. Filesystem Vs. ClassPath Application context
38. Multipartresolver
39. How to use @Autowire
40. when to use @Qualifire
41. diff b/w singleton and prototype bean
42. what type of TX supported by spring
43. how to inject Java collection into Spring bean
44. any exp on CI tool
45. How to use Maven
46. what is beanfactory
47. spring life cycle
48. what is AOP
49. what is Unsupported Exception
50. diff b/w CopyOnWirteArrayList and ArrayList
51. can we use synchronize with constr
52. can we class as Key in Hashmap
53. enumSet
54. what is Thread Starvation and how to make
55. BlockingQueue
56. notaion of BlockingQueue
57. code to use NamedSqlQuery
58. 3 state of Object
59. can we create entity which is without constructor.
60. can we make Hibernate entity class as Final