Core java:

1. Shuld know practically how to create a singleton using enum, lazy initialization, eager initialization, how to preserve this pattern while cloning, deserialization, multithreading
2. What is immutable class, to make a class immutable, use of immutable class
3. Internal working of hashmap, concurrenthashmap, treemap. Should be able to make use of own classes in these datastructures
4. Thread lifecycle, using locks, synchronized keyword, executor framework, callable, future
5. Create simple generic class and methods. Use of extends, super
6. Why we use inner class, nested classes. Private classes. How to use them. Should be able to create/use these classes.
7. Lambda, stream api