Java Performance Tuning – Assessment

1. What is / are the refactoring you use for Duplicated code?
2. What is / are the refactoring you use for too many parameters in a method?
3. What are the different sections / regions in heap?
4. Name few JVM paramters that you will use to fine tune Garbage collectors and mention its purpose
5. What are the different types of references and when do they get garbage collected?
6. What are the aspects you can monitor with Java Visual VM?
7. How do you do file operations with memory mapped I/O?
8. Give instances of using lambda expressions to perform file operations
9. Name some of the factors that you consider to tune the size of threadpool
10. Name few aspects of the application that you monitor during Memory profiling and CPU profiling