**Java Important Questions**

1. Explain difference between Overloading and Over riding with example?
2. What is use of final,this keyword?
3. What is difference between interface and abstract class?
4. What is inheritance? Demonstrate the use of Super keyword in inheritance with the help of example.
5. Explain different types of operators used in java programming. Write a simple program to demonstrate operator precedence in java.
6. What is package?How to create and import package into another package?
7. Define Class and Object with syntax?
8. Explain Abstract class and method with example?
9. What is Exception? Explain types of Exception?
10. What is the meaning of rethrowing an exception? When it is useful.
11. Explain user defined exceptions with example?
12. Explain the use of throw and throws keyword.
13. Explain about different access specifiers
14. What are Non static inner classes ? Explain in detail?
15. Explain Exception Handlers with example?
16. Define Thread Synchronization
17. Explain about different thread states?
18. Explain inter thread communication and methods used in inter thread communication?
19. Explain in detail about thread priorities?
20. What is interrupting and explain interrupt(),isInterrupted(),Interrupted()?
21. Define Thread?
22. Write program to create thread by extending thread class and Implementing Runnable interface
23. Compare differences between multiprocess and multi threading?
24. What is Static inner class?
25. What is checked and unchecked exceptions?
26. Explain Exception hierarchy?
27. What are advantages and needs of oops?
28. Expalin Control statements in java?