**JAVA Interview Questions Part1**

1.What would you rate your Java experience out of 10?

2.What is your Java level? Do you use it in terms of testing only or in terms of development as well?

3.OOP concepts and how you used them in your last project?

4.What do you know about Interface?

5.What is the benefit of Interface?

6.What kind of collections do you use in Java?

7.How to call the last stored variable in an Array?

8.Where do you use Set, HashMap, List in your framework?

9.What is the difference between iterator and for/for each loop?

10.What iterator methods do you use?

11.How do you write or read data from or to file with Java?

12. Difference between Heap and Stack?

14. Java version you are using?

15. Abstraction vs Interface?

16.Java generics?

17.What is HashMap explain, how do you use in your framework?

18. What is thread safe? How do you make your code thread safe?

19.String builder/buffer differences?

20.How can you achieve abstraction?

21.What is the difference between List, Queue and Set?

22. What is a Map?

23.How do you iterate over HashMap?

24.What is garbage?

25. What is class in Java?

26. What kind of exception did you face and how did you handle it?

27.What is the difference between a HashMap and HashTable?

28. What is Polymorphism? What is runtime polymorphism?

29. Give me an example from your framework where you used OOP concepts?

30.What is the global variable?

31.How do you handle exceptions?

32.Difference between protected and default?

33.Can you give "public: access modifier where you are overriding a protected method?

34.How can you find max value in an int array?

35.Can class be final?

36.What is the difference between Static methods and other methods ?

37.Static, non-static methods?

38.Up casting, down casting?

39.What is the difference between final, finally and finalize?

40.Tell me how do you understand immutability in java and what is the difference between mutable?

41.Can we have multiple inheritance in java? If yes, how do we achieve that?

42.How did you implement polymorphism in your framework?

43.What could be the reason if you are getting NullPointerException?

44.Array or ArrayList to use? Why?

45.Method overloading VS Method Overriding?

46.What are the differences between Throw and Throws keyword?

47.Tell me the differences between HashMap and LinkedHashMap?

48.Tell me the differences between Static and Instance Variable/Block?

49.What's the use of super keyword? What's the use for this keyword?

50.Why OOP concept is important for producing a software?

**JAVA Interview Questions and Answers PART 2**

1. Explain public static void main.

2. Can we execute a java program without using the main method?

3. Difference between local variable and instance variable?

4. Main uses of this keyword? Can it be used to refer statics?

5. What is Java String Pool?

6. What kind of exceptions have you faced and how you handled them?

7. What is a null pointer exception? What is a class cast exception?

8. What is the most recent exception that you got?

9. Static and non-static methods?

10. Difference between final method and abstract method?

11. Can a class be static?

12. What is constructor chaining in Java?

13. Has a VA Is A relation in Java?

14. Tell us the logic behind all OPP concepts with examples.

15. When does the finally block not execute?

16. What is the length of EMPTY and null Strings?

17. What are the differences between Java and type script languages?

18. What is Singleton and where do you use it in your framework?

19. How do you compare two values from different data structures?

20. You have two string values; how do you compare them?

21. Difference between abstract class and non-abstract class?

22. Difference between extends keyword and implements keyword?

23. What are the limitations of Array? How is it different than List?

24. How to compare two Arrays? Two Lists?

25. Adding the elements of one Array to another?

26. How do you print any statement without using?

27. What are the limitations of an Interface?

28. Difference between class and interface?

29. What are the castings in java?

30. Give me an example of up casting and down casting?