------JAVA Interview Questions-----

1. Explain about the features of Java
2. Explain Java 8 features?
3. What is JDK, JRE and JVM?
4. Explain the identifier rules in Java
5. Difference between while loop and do-while loop
6. Syntax of While, do-While and for loop
7. Which loop is preferred when the number of iterations are not known?
8. Explain about the types of Access Specifiers or Access Modifiers.
9. What is return type? Types of Return Type
10. Is it mandatory to declare the return type for a method?
11. Explain about methods in Java? Along with the syntax
12. Difference between static members and non-static members.
13. What are the types of Memory Areas in Java?
14. What happens if we do not assign any value to static or non-static variable?
15. Is it possible to utilize the local variables without Initialization? If not then what happens?
16. What is the scope of Local variables, static and non-static variables?
17. What is the scope of private, default, protected and private members in java?
18. Can we access the protected members outside the package?
19. Difference b/w method overloading and method overriding?
20. Can we give same name for local variables and Static or Non-static variables?
21. Difference b/w Static block and Non-static block
22. What are constructors? Types of constructors?
23. Is it mandatory to declare a constructor inside each and every Class?
24. When and how a constructor is invoked?
25. Can we invoke a constructor explicitly?
26. Difference b/w this keyword and super keyword
27. Function of ‘new’ keyword?
28. What is constructor chaining?
29. Difference b/w this() and super()
30. What is Inheritance? Types if Inheritance.
31. Real time example programs for all types of Inheritance.
32. Explain Encapsulation? With a real time program example.
33. Can we inherit the private members from one class to another class?
34. Explain Polymorphism? Types of Polymorphism? With a real time program examples
35. Difference between Compile Time Polymorphism and Run Time Polymorphism?
36. Explain Abstraction?
37. Difference b/w Abstract class and Interface
38. Properties of Interface?
39. Can we create an Object for Abstract class or can we instantiate Abstract class? If no why?
40. Can we inherit an Abstract class?
41. What type of members are allowed in Interface?
42. Is it possible to declare complete members within the Interface?
43. Is it possible to inherit a Class to Interface? If not why?
44. Difference b/w extends and implements keyword?
45. What is Type-casting? Types of Type-casting?
46. Difference b/w Upcasting and Downcasting?
47. Is it possible to perform DownCasting without performing Upcasting? If no why?
48. Disadvantages of Upcasting?
49. Why String class is immutable in nature?
50. How to overcome the Immutability of String class?
51. Difference b/w StringBuffer and StringBuilder?
52. Difference b/w Comparator and Comparable?
53. What is an Exception? Types of Exception?
54. Difference b/w Checked Exception and Unchecked Exception?
55. Name some Exceptions?
56. Difference b/w throw, throws and Throwable?
57. How to handle an Exception?
58. Explain the function of try-catch block?
59. Is it possible to associate multiple catch blocks for one try block?
60. Is it possible to declare only try block?
61. What are the statements that are to be declared within the try block?
62. What is finally block?
63. Explain the execution of finally block?
64. What is the declaration combination of try-catch-finally?
65. Difference b/w final, finally and finalize?
66. Is it mandatory to handle a checked exception?
67. What are custom exceptions/user-defined exception?
68. Write a program to create a custom exception, arise the exception and handle it?
69. What are disadvantages of Array?
70. How to overcome the disadvantages of Array?
71. Difference b/w Array and Collection?
72. Difference b/w List, Set and Queue?
73. Difference b/w ArrayList, LinkedList and Vector?
74. Difference b/w Stack and Queue?
75. Difference b/w HashSet, LinkedHashSet and TreeSet?
76. Difference b/w Collection and Collections?
77. WAP, create a Collection store the Objects of Employee class with ID, Name, Age, Salary as its Attributes. Iterate through the collection Objects and print the Employee details whose Salary is greater than 10,000.
78. Difference b/w Enumeration, Iterator and List Iterator?
79. Create a Collection, add Objects and Iterate using Iterator?
80. What is a Map? Properties of Map?
81. WAP to create a Map, Insert objects and Iterate through the Objects?
82. Difference b/w Set and Map?