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1. Who Developed Java Programming Language?
 2. why is java so popular?
 3. what is platform independent?
 4. what is bytecode?
 5. compare JDK vs JRE vs JVM
 6. What is a Token? how many types?
 7. Define Datatype and its types?
 8. what are different types of Operators in Java?
 9. what is casting?
 10. what is implicit casting?

- ⋮ 11. what is explicit casting? ⋮
- 12. What is an Array? Explain Different types of Arrays?
- 13. Explain Arrays class methods?
- 14. Difference between length and length()?
- 15. what is Jagged Array?
- ⋮ 16. what is a class? ⋮
- 17. what is an object?
- 18. what is state of an object?
- 19. what is behavior of an object?
- 20. What are different type of Variables in Java?

21. What are diffreent type of Methods in java?
22. Explain inheritance with examples?
23. what is method overloading?
24. what is method overriding?
25. what is method hiding?
26. can u acheive method overriding on static methods?
27. what is Upcasting ?
28. can super class reference variable hold an object of sub class?
29. Is multiple inheritance allowed in java?
30. what is a constructor?

31. what is a default constructor?
32. how do you call a super class constructor from sub class constructor?
33. what is the use of `this()`?
34. can a constructor be called directly from a method?
35. Is a super class constructor called even when there is no explicit call from a sub class constructor?
36. what is polymorphism?
37. what is the use of instanceof operator in java?
38. what is encapsulation?
39. what is interface?
40. How do u define an interface?

- 41. How do you implement interface?
- 42. What else u know about interface?
- 43. Can u extend an interface?
- 44. Can a class extend multiple interfaces?
- 45. What is an abstract class?
- 46. When do u use an abstract class?
- 47. How do you define an abstract method?
- 48. Compare abstract class and interface?
- 49. What is an inner class?
- 50. What is a static inner class?

- 50. What is a static inner class?
- 51. Can u create a inner class inside a method?//local inner class
- 52. What is an anonymous class?
- 53. What is default class modifier? //default
- 54. What is private access modifier?
- 55. What is default or package access modifier?
- 56. What is protected access modifier?
- 57. What is public access modifier?
- 58. What access types of variables can be accessed from a class in same package?
- 59. What access types of variables can be accessed from a class in different package?
- 60. What access types of variables can be accessed from a sub class in same package?

61. What access types of variables can be accessed from a sub class in different package?
62. What is the use of final modifier on a variable?
63. What is the use of final modifier on a class?
64. What is the use of final modifier on a method?
65. What is a final argument?
66. What happens when a variable is marked as volatile?
67. What is static variable?
68. Should default be the last case in a switch statement?
69. What is an enhanced for loop?
70. What are the default values in an array?

- 71. How many ways are there to read input through the keyboard?
- 72. Difference between final, finally and finalize in java
- 73. What are wrapper classes?
- 74. Why do we need wrapper classes?
- 75. `int a=10;`
- 76. `Integer l = a;//autoboxing`
- 77. `int b = l;//auto unboxing`
- 78. What is casting?
- 79. What is String immutability?
- 80. Where are string values stored in memory?

81. What is the difference between String and StringBuffer and String Builder classes
82. Explain about toString() method?
83. What is the use of equals method in java?
84. What is the use of hashCode() method?
85. How do u print contents of an array?
86. What are the important differences between C++ and java?
87. What is the role of a classloader in java
88. What are the different ways of creating Wrapper class instances?
89. What are the differences in the two ways of creating wrapper classes?
90. What is auto boxing

91. What are the advantages of auto boxing
92. Why should you be careful about String concatenation(+) operator in loops? how do you solve above problem?
93. Can you give examples of different utility methods in String class?
94. What are the important things to consider when implementing equals method?
95. What is coupling?
96. What is cohesion?
97. Why should you always use blocks around if statement?
98. How do you loop around an array using enhanced for loop?
99. How do you compare 2 arrays?
100. What is an enum?

