**Java Practice Questions list**

1. What is the difference between JDK and JRE?
2. What jdk (Java development kit) contains?
3. What is JRE (Java Runtime Environment)?
4. What is JVM?
5. What is JCL (Java Class Library)
6. What is a package?
7. How many types of packages are there in java?
8. What are the pre-defined available in Java?
9. What is java API?
10. In how many ways we can write comments in java?
11. What is the use of “import java. Lang.\*” statement in our program?
12. What is a keyword?
13. What is a class?
14. Why we import classes of a package?
15. What is the command to compile the program if it contains package statement?
16. How to run the program if main method class is existed in p1 package?
17. Can we write print statement outside the function in Java?
18. If you write print statement outside the function what error you will get?
19. Can I declare a variable with in a class and outside the function?
20. Can I write statements other than declarations in a class and outside the functions?
21. If I write the “c=a\*s;” statement outside the function within a class what kind of error you will get?
22. What is String, System which are used in our program?
23. Can we use String class without importing java. Lang package?
24. When the java. Lang package will be imported automatically?
25. What is a string?
26. What is a concatenation symbol?
27. What is the use of concatenation symbol?
28. What are the differences between print and println ()?
29. How to compile the program to create a package?
30. How to declare a variable?
31. What is a local variable?
32. What error you will get if we use local variable without initializing it?
33. Why java is called as extensible programming language?
34. What are native methods?
35. What is formatting () methods?
36. What is the first argument we should pass to the formatting method?
37. How many arguments we can pass to the formatting method?
38. In which package the formatting methods are there?
39. What is the difference between print () and format () method?
40. What is a function?
41. What is a static method?
42. Can we call non-static method (instance method) in a static method directly?
43. Who calls the main function?
44. What is the advantage of functions?
45. What is a parameter?
46. What is a method?
47. What is the starting point of the program?
48. How to read total line at a time from keyboard?
49. How can we Read data from keyboard by using readLine () method of DataInputStream class?
50. How to read the data from keyboard?
51. What is an operator?
52. how many types of operators are there?
53. What is the drawback of readLine () of DataInputStream class? And why it is deprecated?
54. What is the use readLine () method of BufferedReader class
55. Where the parseInt () method is existed?
56. What are Relational Operators?
57. What is an operand?
58. What are Logical Operators?
59. What is the other name of Boolean operators?
60. How parseBoolean () method works?
61. How to read a single character (within a range of 0 to 255)?
62. Does JVM is able to display Telugu letter అ?
63. Can we declare a local variable as static?
64. What is a literal?
65. What is a token?
66. list of tokens supported by Java?
67. What is a comment?
68. In how many ways comments are written?
69. How can we create documentation comments?
70. What is String in “String args []”?
71. What is a System in “System.out.println()”?
72. What is a println () in “System.out.println()”?
73. What is a reference variable?
74. What is a reference data type?
75. What are Conditional statements?
76. What is Integer in Integer.parseInt() statement?
77. What is parseInt () in Integer.parseInt() statement?
78. how we can call the static method?
79. Why we write a class?
80. What is the job of readLine () method?
81. How to call instance method?
82. Why NullPointerException will raise during program execution?
83. Explain about Else…if. ladder and switch statement?
84. What is static import?
85. What is the scope and life of local variable?
86. Explain about Switch expression?
87. Explain about Looping Statements?
88. What is the other name of looping statements?
89. Explain about for loop?
90. Explain about while loop?
91. Explain about do while loop?
92. Differences between for loop, while loop and do while loop?
93. How many times the memory will be allocated for a static variable in a program?
94. How many times the memory will be allocated for instance variables in a program?
95. how to create an object?
96. Illustrate Nested loops?
97. What is an array?
98. What are Advantages of arrays?
99. What are Disadvantages of arrays?
100. How to create an array?
101. In which memory arrays will be created?
102. What will be considered as array address?
103. What is an index?
104. Types of arrays?
105. Which class object will be created if we create an array in Java?
106. What is length of an array?
107. How to access static variable or static method?
108. How to access instance variable or instance method?
109. When we will get NullPointerException?
110. Illustrate about Scanner class?
111. How to Initializing array during creation itself?
112. Why we use for each instead of for ?
113. What is an anonymous array?
114. What is Syntax to create a two-dimensional array
115. What is jagged array?
116. What are Key Characteristics of Jagged Arrays?
117. What is matrix multiplication?
118. What are Rules for Matrix Multiplication?
119. How to multiply two given matrices?
120. What is the result of multiplication of (2×3) matrix and (3×3) matrix?
121. How to multiply 3×3 matrix?
122. How do we find the multiplication of two matrices?
123. What are Command line arguments?
124. What the JVM should pass to the main method as an argument?
125. Explain about OOP’s concepts?
126. In general, what is an object?
127. What is a class?
128. Why we write a class?
129. How to create an object?
130. How to Creating object by using new operator?
131. How many times a class will be loaded during program execution?
132. Who loads the classes?
133. What is constructor?
134. What is object initialization?
135. What is dot(.)?
136. What is an object
137. What is an instance method?
138. Types of constructors?
139. What is static block?
140. When the static block will be executed?
141. How to access instance variables in a block which contains local variables with same name?
142. What is the use of this keyword?
143. Why we give local and instance variables names same?
144. What is instance block? And what is the use of instance block?
145. Can a construct call another constructor of the same class?
146. Can we call more than one constructor in another constructor of the same class?
147. Why the main method is static?