**JAVA QNS**

1. **What is java?**
2. **What are the features of java?**
3. **What is java environment**
4. **Exp the types of java applications**
5. **What is class file in java**
6. **What happens at compile time**
7. **What is for loop?**
8. **What is for each loop?**
9. **What is while loop?**
10. **What is do-while loop?**
11. **What is java break statement?**
12. **What is java continue statement?**
13. **Difference between break and continue statements.**
14. **Why do we use comments in code?**
15. **Explain the types of comments in java?**
16. **What is oops? Why are we using it?**
17. **What are the core components of oops?**
18. **What is class in java?**
19. **What are the class declarations?**
20. **What is object in java?**
21. **What are the core components of object?**
22. **What is data abstraction?**
23. **What is encapsulation?**
24. **What is inheritance?**
25. **What is polymorphism?**
26. **Diff between method overloading and method overriding**
27. **What are the disadv of oops?**
28. **What are the adv of oops?**
29. **What are the core features of java 8?**
30. **What is lambda expressiom and explain its key feature**
31. **What are the 3 lambdfa expressions and exp with eg**
32. **What is java functional interfaces ?**
33. **Explain all the functional interfaces with eg**
34. **What is java stream**
35. **What is java?**
36. **What are the features of java?**
37. **What is java environment**
38. **Exp the types of java applications**
39. **What is class file in java**
40. **What is file handling in java?**
41. **Why is file handling is required?**
42. **What is streams in java?**
43. **Difference between text file and binary file?**
44. **How do you open and read the content of a text file in java?**
45. **What is the purpose of file class in java and how it used for file handling?**
46. **Explain how to write data to text file?**
47. **How do you handle file exceptions in java?**
48. **What is exception?**
49. **What is exception handling in java?**
50. **What are the keywords used in exception handling**
51. **Exp java exception hierarchy**
52. **What are checked exception in java**
53. **What are unchecked exception in java**
54. **Difference between checked and unchecked exception**
55. **Difference between error and exception**
56. **What is finally block?**
57. **What is the purpose of throw and throws exception**
58. **How can we catch multiple exceptions?**
59. **What are the adv of exception**
60. **What is a custom exception?**
61. **Expl the below terminologies:**
62. **Why an exception occur?**
63. **What is a user user-defined exception**
64. **Exp the below terminologies:**

* **ArithmeticException:**
* **ClassCastException:**
* **NullPointerException:**
* **ArrayIndexOutOfBoundsException:**
* **ArrayStoreException:**
* **IllegalThreadStateException**

1. **Expl the below terminologies:**

**Try block**

**Catch block**

**Finally block**

**Custom exception**

1. **What is file input stream in java?**
2. **Difference between input stream and output stream?**
3. **difference between byte stream and character stream?**
4. **What are the several subclasses of input stream?**
5. **Write down the common methods of input stream?**
6. **What is random access file class in java?**
7. **What are the several subclasses of output stream?**
8. **Write down the common methods of output stream?**
9. **What are the java file class methods?**
10. **What are the several operations that we can perform on a file in java?**
11. **What is a scanner class in java?**
12. **How can you create a new directory in java?**
13. **What are the date classes in java?**
14. **How to display current date and time in java?**
15. **How to display local date and time in java?**