

Infosys - Backend Developer

Interview Process

- Online Assessment Test
- Technical Interview
- HR Interview

Interview Questions

1. Explain four major OOP concepts in Java.
2. Can we implement multiple inheritances in Java?
3. How method overloading is different from method overriding?
4. Distinguish between classes and interfaces in Java.
5. Differentiate between TRUNCATE and DELETE commands in SQL.
6. Why indexing in SQL is useful?
7. Differentiate between DDL and DML commands in SQL.
8. What is the left outer join and the right outer join in SQL?
9. What is the stored procedure?
10. Explain pointers in C++.
11. What is meant by a null pointer?
12. What is SDLC(Software Development Life Cycle)?
13. What are the disadvantages of the Waterfall model?
14. Explain about Agile model.
15. What are DLL and EXE file extension?
16. What is a frame in HTML?
17. Differentiate between white box and black box testing.
18. Explain different levels of programming languages.
19. Can you explain the difference between REST and SOAP APIs?
20. What is the role of ORM (Object-Relational Mapping) in backend development?
21. Can you describe the MVC (Model-View-Controller) architecture and its advantages in web development?
22. What is the difference between synchronous and asynchronous programming? When would you use each approach in backend development?
23. Can you discuss your experience with authentication and authorization mechanisms in backend development, such as JWT (JSON Web Tokens) or OAuth?
24. How do you ensure data consistency and integrity in a distributed system?