

# SOFTWARE TESTING ADS INTERVIEW QUESTIONS

“Master these Software Engineering interview concepts to confidently demonstrate your expertise in programming, data structures and algorithms, software design patterns, version control, testing and debugging, application architecture, and project management—impress interviewers and accelerate your career in software development, engineering, and IT roles.”

- What are the types of software?
- What is the difference between compiled and interpreted languages?
- What is a programming language?
- What is an algorithm?
- What is a data structure?
- What is version control?
- What is debugging?
- What are object-oriented programming concepts?
- What is the difference between procedural and object-oriented programming?
- What is a class and an object?
- What is inheritance, polymorphism, encapsulation, and abstraction?
- What is a design pattern?

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- What is API and its use?
- What is unit testing and integration testing?
- What is Agile methodology?
- What is Git and GitHub?
- What is software architecture?
- What is MVC (Model-View-Controller)?
- What is RESTful API design?
- What is CI/CD and DevOps?
- What is cloud-native software development?
- How do you ensure software scalability and performance?
- What is microservices architecture?
- What is refactoring and technical debt?
- What is exception handling best practice?