

Interview Questions with Answers

Note: These questions are based on my past experiences and research

Chapter 1. Object Oriented Programming

Basic Level:

1. What is Object Oriented Programming?

Object-Oriented Programming(OOPs) is a type of programming that is based on objects rather than just functions and procedures. Individual objects are grouped into classes. OOPs implement real-world entities like inheritance, polymorphism, hiding, etc into programming. It also allows binding data and code together.

2. Why use OOPs? OR Advantages of OOPs

- OOPs allows clarity in programming thereby allowing simplicity in solving complex problems
- Code can be reused through inheritance thereby reducing redundancy
- Data and code are bound together by encapsulation
- OOPs allows data hiding, therefore, private data is kept confidential
- Problems can be divided into different parts making it simple to solve
- The concept of polymorphism gives flexibility to the program by allowing the entities to have multiple forms.

3. What are the main features/pillars of OOPs?

- Inheritance
- Encapsulation
- Polymorphism
- Data Abstraction

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- Inheritance
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Daniela Niemeyer



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