Day 22 – 01/08/2025

Q1. What do you mean by good code and bad code?  
Ans.

* Good Code: Readable, efficient, scalable, and reliable. Follows best practices and coding standards.
* Bad Code: Complex, inefficient, buggy, and hard to maintain. Often ignores coding standards and best practices.

Q2. What do you understand by databinding?  
Ans. Databinding is a technique that connects data sources to user interfaces, automatically synchronizing data between them. This allows for real-time updates and reduces manual coding efforts.

Q3. What do you know about continuous development?  
Ans. Continuous Development is an approach to software development that emphasizes ongoing improvement, iteration, and delivery.

Q4 What are the conditions for the polymorphism?  
Ans. Polymorphism Conditions –

* Inheritance: A subclass inherits properties and methods from a parent class.
* Method Overriding: A subclass provides a specific implementation for a method already defined in the parent class.
* Method Overloading: Multiple methods with the same name but different parameters.
* Same method name: The method name in the subclass should be the same as in the parent class.
* Different implementation: The subclass should provide a different implementation for the method.
* Same or compatible return type: The return type of the overridden method should be the same or compatible with the parent class method.