C# is a modern OO programming language.

Course covers OO programming to help build production level apps.

Good OO leads to clean code.

Good OO leads to defensive code.

Good OO leads to Agile or iterative approach.

Good OO leads to good API’s.

Good OO allows the use of design patterns.

Good OO means well organised code.

Objects only exist at RunTime.

Business Object = refers to a class specifically for solving a business problem. An example of a business class could be a Customer class. So it’s not an object at all in this context, it’s a class.

Entity – word used instead of thing in real world.

What is OO Programming?

Is an approach to designing and building apps that are flexible, natural, well crafted and flexible by focusing on objects and how they interact with each other.

1. Identify the classes
2. Analyse the classes and separate responsibilities between classes. Should be decomposed into parts with minimal overlap in functionality (separation of concerns).
3. Establish relationships between classes. No object is an island.
4. Leveraging reuse. Identify commonality between classes and separate it out.