1. Introduction to MVC
2. Setting up MVC Core
3. Routing in MVC
4. Controllers
5. Views and Razor Pages
6. Models and Data Binding
7. Dependency Injection
8. Middleware in MVC
9. Validation
10. Testing MVC Applications

C# syllabus

1. Introduction to C# and .NET Framework
2. Basic Syntax and Data Types
3. Control Structures (if, switch, loops)
4. Object-Oriented Programming (Classes, Inheritance, Polymorphism)
5. Exception Handling
6. Collections and Generics
7. LINQ (Language Integrated Query)
8. Asynchronous Programming