

# 30-Day C# Daily Checklist

- Week 1 – Fundamentals
- Day 1: Install Visual Studio, Create Console App, Run Hello World
- Day 2: Variables, Data Types, var & const
- Day 3: Operators & Type Casting
- Day 4: if/else, switch
- Day 5: Loops (for, while, foreach)
- Day 6: Methods & Overloading
- Day 7: Mini Programs & Revision
- Week 2 – OOP
- Day 8: Classes, Objects, Constructors
- Day 9: Access Modifiers
- Day 10: Encapsulation
- Day 11: Inheritance
- Day 12: Polymorphism
- Day 13: Interfaces
- Day 14: Mini Project
- Week 3 – Collections & Advanced Basics
- Day 15: Arrays
- Day 16: Collections (List, Dictionary)
- Day 17: Exception Handling
- Day 18: File Handling
- Day 19: LINQ
- Day 20: Date & Time
- Day 21: Practice & Review
- Week 4 – Modern C#
- Day 22: Enums & Structs
- Day 23: Generics
- Day 24: Delegates & Lambdas
- Day 25: Async & Await
- Day 26: Dependency Injection
- Day 27: .NET Basics
- Day 28: Unit Testing
- Day 29: Final Project
- Day 30: Refactor, GitHub Push & Review