**Date: 27-Dec-2021 | Session 1: 10:30 to 1:15**

1. Benefits of C#/Java
   1. Encapsulation
   2. Garbage Collection
2. What Java vs JavaScript?
3. Why C#
   1. To provide a seamless windows experience to Platform independant s/w development
   2. Similar to Java in many aspects
   3. But works better in Windows
   4. Today, it is arguably better than Java
4. Software Development Tools & IDE
5. Install Visual Studio 2022 Community Edition
6. Create Basic C# Console Application
7. Command Line Arguments
8. String and int datatype
9. Strings are immutable
10. Visual Studio Magic
    1. Ctrl+.

Diagram

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1. Sample Program



**Date: 27-Dec-2021 | Session 2: 14:30 to 15:30**

1. **for**
2. **foreach**
3. **If**
4. **Convert.ToInt32**
5. **Compile time vs run time errors**
6. **Int, string, float, double data types**
7. **Read & Display data on console.**
8. **Multiple Main functions in Console Project**
   1. **Set Startup Object in Project Properties**
9. **Arguments to Main function is not mandatory**
10. **Code Auto Format -> Ctrl-K,Ctrl+D**
11. **Defining a class**

**Text

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