



# **C Sharp Workshop for Bucks College Group**

**Programming Tutor: Jay (Vijayasimha  
BR)**



# Code and Essential Details

**Programming Tutor: Jay (Vijayasimha BR) (just google my name and you will find me)**

**After googling me, feel free to follow me on GitHub, LinkedIn, Twitter and other socials if you feel like.**

**Code and PPTs: [github.com/Jay-study-nildana/CSharpWorkShopforBucksCollegeGroup](https://github.com/Jay-study-nildana/CSharpWorkShopforBucksCollegeGroup)**

# Day 1 : Introduction to C # and .NET

- Why C # as a choice of Programming Language
- The awesomeness of the .NET Platform
- Azure Cloud (and cloud in general)
- GitHub and it's importance

# Day 1 : Introduction to C# and .NET

- What is Full Stack Development?
- Why invest your time in JavaScript (plus HTML, CSS and related technologies)
- .NET Web API, Back End Stuff
- Choosing a Front-End Framework (React JS, Recommended)
- Learning Discipline and Commitment
- Continuous Learning

# Day 1 : Introduction to C# and .NET

- Where to go for help?
- My own Discussion Community
- Stack Overflow
- Microsoft Docs
- Find and Follow experienced developers
- Coding Desk, Powerful Computers and Multi Monitor Setup—the practicalities of a developer lifestyle.

# Day 1 : Introduction to C# and .NET

- **Workshop Goal : SOLID Principles**
- **Why bother with SOLID Principles (since you can code without it)**

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- **Creating a Console Project**
- **Create a bunch of variables – int, float and especially strings.**
- **Building Strings, with other strings.**
- **Building Strings, with other variable types.**
- **Build a simple function. Learn about definition, calling and return and of course, parameters**
- **Build a Calculator, without functions**
- **Build a Calculator, with functions**



# Day 1 : Introduction to C # and .NET

- Build a Calculator, without functions
- Build a Calculator, with functions

# Day 1 : Introduction to C# and .NET

- Build a simple class.
- Build a simple class with functions in it.
- Build a calculator using class.
- Remember to reuse as much code as you can from what you wrote before.

# Questions & answers

Ask any questions you have folks. Thanks.

Important Note: I have a “Discussion Forum” setup on GitHub. You (and anybody in the world, really) can ask questions about C Sharp on this open-source forum.

Discussion Forum Link: <https://github.com/Jay-study-nildana/CSharpForStudents/discussions>



# Resources

**List the resources you used for your research:**

- <https://github.com/Jay-study-nildana/CSharpWorkShopforBucksCollegeGroup>
- <https://github.com/Jay-study-nildana/CSharpForStudents>
- Other Notes Come Here.