



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

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 experience 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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- **Workshop Goal : SOLID Principles**
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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.