# Research Paper

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# Description of three features of C#.

First feature I want to touch on is the .NET frameworks that C# embraces, this allows C# programs to run with considerably less errors then other C languages, this allows for many less errors when the programs are running and accessing information. Second thing is the CLR or Common Language Runtime that C# allows this allows the program to access or run with other programming languages with little or no runtime errors.

The third thing I personally feel is a great feature of this language is all of the built in Classes, there is so many Classes that allow for easy programming and writing of codes by using these classes.

### Describe what a method is, and ways this can be used to program

A Method is a block of code that is called upon inside of a program. There are many Methods already built into C# as I had mentioned above when I referred to them as Classes. You can call methods or classes that are already built in to the program like DateTime Method, or the String method to develop an array of characters or to dissect your string entries. You may also build your own Methods and call upon them inside the Main Method. The Main Method is where your coded program runs the Program.

# Why do you believe C# is a popular programming language?

C# is a popular language because it is considered the most common gaming language. This is considerable important not to my career choice, but most programming will follow where people access their games. In the future I feel that being the most common gaming language will keep this as a very important language to know and most languages in the future will include building block of C#.

#### References

Griffiths, I. (2012). *Programming C# 5.0*. O'Reilly Media.

Mkhitaryan, A., & Mkhitaryan, A. (2017, October 13). Why Is C# Among The Most Popular Programming Languages in The World? Retrieved from <a href="https://medium.com/sololearn/why-is-c-among-the-most-popular-programming-languages-in-the-world-ccf26824ffcb">https://medium.com/sololearn/why-is-c-among-the-most-popular-programming-languages-in-the-world-ccf26824ffcb</a>

Wagner, Bill. (n.d.). Methods - C# Programming Guide. Retrieved from <a href="https://docs.microsoft.com/en-us/dotnet/csharp/programming-guide/classes-and-structs/methods">https://docs.microsoft.com/en-us/dotnet/csharp/programming-guide/classes-and-structs/methods</a>