**HISTORY OF HELLO WORLD APP**

When beginning to enter the world of computer programming, coding for a rookie coder can seem daunting. The lines of code don’t seem to make sense, and everything is like a foreign language, because in fact it is, it is a new language that you are using. So where does one usually start the process and get your feet wet? It usually starts with beginning courses on how to code and with a simple program of code entitled ‘Hello World.’ Hello World is the first line of code that beginner coders learn. It is an easy line of code to show beginners how to get started, and is also used to make sure the computer language is working correctly, as can be seen in this article from Wikipedia, “A “Hello World” program is traditionally used to introduce novice programmers to a programming language. “Hello, world!” is also traditionally used in a sanity test to make sure that a computer language is correctly installed, and that the operator understands how to use it.” (Wikipedia)

Before ‘Hello World’ was introduced to the public, the thought of even working with computers seemed unfathomable unless you were a scientist or someone who had a speciality occupation of working with computers. There were no such things as personal home computers, and it really wasn’t a thought to even own a computer in the average household as computers cost upwards of at least a million dollars and you would have to be expertly trained in the world of computer science. You could get a degree in computer science, but a certificate in computer programming did not exist as they do so today. With the introduction of ‘Hello World’ it allowed computers more accessible to humans and began a better understanding of computers to beginners and seasoned computer users as well, which can be seen in this article by Software Guild, “With Hello World as a foundation, novice programmers can easily understand computer science principles or elements. And professionals with years of coding experience can use it to learn how a given programming language works, especially in terms of structure and syntax. With applications at all skill levels and in almost every language, there is a long history behind such a short program.”(Thussong)

The question that now remains is who actually came up with “Hello World”? Who was the genius who changed the way we view and use computers forever? The person who came up with “Hello World” and brought it to life is believed by many from a man named Brian Kernighan through a book he had written, which can be seen in this article from the Software Guild, “Though the origins of Hello World remain somewhat unclear, its use as a test phrase is widely believed to have begun with Brian Kernigham’s 1972 book, *A Tutorial Introduction to the Language B*. In this text, the first known version of the program was used to illustrate external variables. Because the previous example in the tutorial printed “hi!” on the terminal, the more complex “hello, world!” required more character constants for expression and was the next step in the learning process. From there, it was used in a Bell Laboratories memo in 1974, as well as *The C Programming Language* in 1978. This popular text is what made Hello World famous.” (Thussong)

‘Hello World’ was the change that was needed to introduce computer programming to the masses. Brian Kernighan’s tutorial has allowed all humans to have access to computer programming, and not just the few elites who knew how to manage computers and their systems. This revolutionary phenomenon is ubiquitously widespread and is still used to this day as an introductory test for beginning programmers. ‘Hello World’ is one statement that is used across multiple computer languages, and has sustained a mark where it is not going anywhere anytime soon.

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