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Should learning programming be mandatory in today’s school system?

In my opinion, making children at school familiar with programming right from there primary education can be beneficent. Even though, not every child will choose their career as software engineers, but programming can help them sharpen their logical as well as practical skills. Engaging children in programming can help them utilize the full potential of electronic gadgets around them. Instead of children wasting their valuable time in useless games, they can polish up their programming skills on the same gadgets. There can be endless possibilities for a child who knows how to code, they can create their own different solutions by applying their own logic. Some people may differ from this opinion as they may think that children would find it very hard to learn coding. However, there are plethora of engaging software and applications to help children learn coding. Either way, children can catch up concepts very easily just like learning a new language. The future is digital, and software is eating the world. The world probably needs more programmers, there is simply more and more code that needs to be written. Moreover, programming is a basic literacy in the digital age. When learning to code, children understand and tinker with the digital world they inhabit. Our reliance on technology will increase soon.  The students of today must be able to not only passively consume this tech, but also understand and control it, to take an active part of this huge digital era. All in all, learning institutions around the world should teach basic programming skills to the students to yield outstanding results in future.

What makes C an evergreen language? How and why did it become old enough to be thought of as evergreen?

Despite of having many high level programming-languages, there are a lot of reasons that the C programming language will remain in the lead for a long period of time. Some of the most famous systems today which is used by millions of people are program in the C programming language. For instance, Microsoft Windows, Linux, Mac, iOS, Android are all the systems that are programmed in the C language. Moreover, the world’s most popular databases like MySQL and oracle are programmed within C language. To put it simply, almost every feature around us is being programmed in C language. The fact that C language is still under used by programmers is due to various reasons. To start with, C is Portable and Efficient. It is as close to machine as possible while being universally available. It is such portable and efficient that Libraries, compilers of other programming language often are implemented using C. Another merit is that C has a very small runtime and the memory footprint, as compared to other languages is much less. C is not a language which is super hard to learn and benefits of it outweigh its demerits. To begin with, it helps us to understand the machine. Moreover, it also gives us the opportunity to work on many interesting C projects to understand it in a much better way. C is one of the oldest and most popular language that is important to learn if someone is entering themselves into the programming world. It has been almost five decades since the introduction of C, but still, it is evergreen as well as mother of all languages just because of the advantages it has over other languages.