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get started welcome to the amazing world of programming this is one of the most useful and powerful skills that you can learn and use to make your visions come true in this handbook we will dive into why programming is important its applications its basic concepts and the skills you course learn how to code new to coding start here and learn programming fundamentals that can be helpful for any language you learn 4 5 6 049 ratings start 579 877 learners enrolled skill level beginner time to complete 1 hour certificate of completion included with paid plans prerequisites none about this course all in all there are 40 talk throughs 35 challenges and 9 projects in this course and it takes about 15 40 hours to complete depending how wild you go with your projects that might seem like a lot of time but it s worth it because at the end you ll know the fundamentals of programming that are common across all programming languages learn the definition of programming some common programming languages and steps to begin building programming experience what is programming programming refers to a technological process for telling a computer which tasks to perform in order to solve problems programming is the mental process of thinking up instructions to give to a machine like a computer coding is the process of transforming those ideas into a written language that a computer can understand this course helps to develop logical thinking helps to understand how program would work before writing actual program the basics of programming are explained in detail with description videos programming refers to a technological process for telling a computer which tasks to perform in order to solve problems you can think of programming as a collaboration between humans and computers in which humans create instructions for a computer to follow code in a language computers can understand 14 step roadmap for beginner developers familiarize yourself with computer architecture and data basics learn how programming languages work understand how the internet works practice some command line basics build up your text editor skills with vim take up some html tackle some css start programming with javascript programming also known as coding is the process of creating a set of instructions that tell a computer how to perform a specific task these instructions called programs are written in a language that the computer can understand and execute table of content what is programming getting started with programming at its core a programming language is a set of instructions that enables humans to communicate with computers using a series of symbols that serve as a bridge that allows humans to turn our ideas into instructions computers can understand learn python programming python is a popular general purpose programming language it is used in machine learning web development desktop applications and many other

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