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# Basic Computer Science Questions And Answers

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Computer Science is one of the disciplines of modern science under which, we study about the various aspects of computer technologies, their development, and their applications in the present world. Likewise, Computer Science includes a wide range of topics such as the development of Computer Technology (hardware and software), application of Computer technology in today's life, information

technology, computer threat, computer security, etc. However, we have segregated this tutorial into different chapters for easy understanding. Computer Science is the study of computers and computational systems. Unlike electrical and computer engineers, computer scientists deal mostly with software and software systems; this includes their theory, design, development, and application. Principal areas of study within Computer Science include artificial intelligence, computer systems and networks, security, database systems, human computer interaction, vision and graphics, numerical analysis, programming languages, software engineering, bioinformatics and theory of computing. Although knowing how to program is essential to the study of computer science, it is only one element of the field. Computer scientists design and analyze algorithms to solve programs and study the performance of computer hardware and software. The problems that computer

scientists encounter range from the abstract-- determining what problems can be solved with computers and the complexity of the algorithms that solve them – to the tangible – designing applications that perform well on handheld devices, that are easy to use, and that uphold security measures. It's a good idea to start with the basics of how computers and networks work, then find areas of study you may be further interested in. It is also recommended for anyone interested in coding to get a handle on the basics of computer science before diving into coding. If you're thinking of entering into the computer science field, good choice! Check out why computer science jobs matter, and read on for more computer science basics.

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