Que-1 What is software? What is software engineering?

Software refers to the programs, data, and instructions that tell a computer what to do. It's intangible; you can't touch it like hardware, but it's essential for making hardware functional and useful. Software encompasses everything from operating systems, like Windows or macOS, to applications like web browsers, games, and word processors.

Software engineering is the discipline of designing, creating, and maintaining software systems. It involves applying engineering principles and practices to the entire software development process, from requirements gathering and design to coding, testing, deployment, and maintenance. Software engineers use various methodologies, tools, and techniques to ensure that software meets quality, performance, and reliability standards while being delivered on time and within budget. It's a structured and systematic approach to building and managing software projects.

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