A **computer** is a machine that can be instructed to carry out [sequences](https://en.wikipedia.org/wiki/Sequence) of [arithmetic](https://en.wikipedia.org/wiki/Arithmetic) or [logical](https://en.wikipedia.org/wiki/Boolean_algebra) operations automatically via [computer programming](https://en.wikipedia.org/wiki/Computer_programming). Modern computers have the ability to follow generalized sets of operations, called [*programs*](https://en.wikipedia.org/wiki/Computer_program)*.* These programs enable computers to perform an extremely wide range of tasks. A "complete" computer including the [hardware](https://en.wikipedia.org/wiki/Computer_hardware), the [operating system](https://en.wikipedia.org/wiki/Operating_system) (main [software](https://en.wikipedia.org/wiki/Software)), and [peripheral](https://en.wikipedia.org/wiki/Peripheral) equipment required and used for "full" operation can be referred to as a **computer system**. This term may as well be used for a group of computers that are connected and work together, in particular a [computer network](https://en.wikipedia.org/wiki/Computer_network) or [computer cluster](https://en.wikipedia.org/wiki/Computer_cluster).