

# CE103 Algorithms and Programming

Week-1 (Operating System)

Spring Semester, 2022-2023

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## Outline

- Operating system's purpose
- Microsoft Windows
- linux

# Operating Systems

- **Operating System's purpose**

An Operating System acts as a communication bridge (interface) between the user and computer hardware. The purpose of an operating system is to provide a platform on which a user can execute programs in a convenient and efficient manner.

- **Microsoft Windows**

Windows is an operating system that manages a personal computer known as a series of programs. It is a Microsoft-developed graphical operating system. This offers a way of data, apps running, playing video games, streaming videos and internet access.



- **Linux**

Just like Windows, iOS, and Mac OS, Linux is an operating system. In fact, one of the most popular platforms on the planet, Android, is powered by the Linux operating system. An operating system is software that manages all of the hardware resources associated with your desktop or laptop.



**TODO UPDATE CONTENT FOR YOUR COURSE NOTES**

## References

- <https://www.geeksforgeeks.org/functions-of-operating-system/#:~:text=The purpose of an operating,the allocation of computer hardware.>
- <https://www.linux.com/what-is-linux/>



*End – Of – Week – 1 – Module*