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* **B.N: 87**
* **Date: 31/5/2020**
* **Topic:** Operating System
* **Github link:** [**https://github.com/ahmedabdel-aleem/ECE001**](https://github.com/ahmedabdel-aleem/ECE001)
* **Github page:** [**https://ahmedabdel-aleem.github.io/ECE001/**](https://ahmedabdel-aleem.github.io/ECE001/)
* **Application brief:**

An operating system is the most important software that runs on a computer. It manages the computer's memory and processes, as well as all of its software and hardware. It also allows you to communicate with the computer without knowing how to speak the computer's language. Without an operating system, a computer is useless.

Operating systems were first developed in the late 1950s to manage tape storage.

The kernel is the central component of a computer operating systems. The only job performed by the kernel is to the manage the communication between the software and the hardware.

Two most popular kernels are Monolithic and Microkernels.

Process, Device, File, I/O, Secondary-Storage, Memory management are various functions of an Operating System.

Batch, Multitasking/Time Sharing, Multiprocessing, Real Time, Distributed, Network, Mobile are various types of Operating Systems.

Microsoft Windows, Mac OS, Linux, Google Android OS, Solaris, and Microsoft DOS are various examples of Operating Systems.

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