# Name: Omar Ezzat Mohamed Ali

# B.N: 555

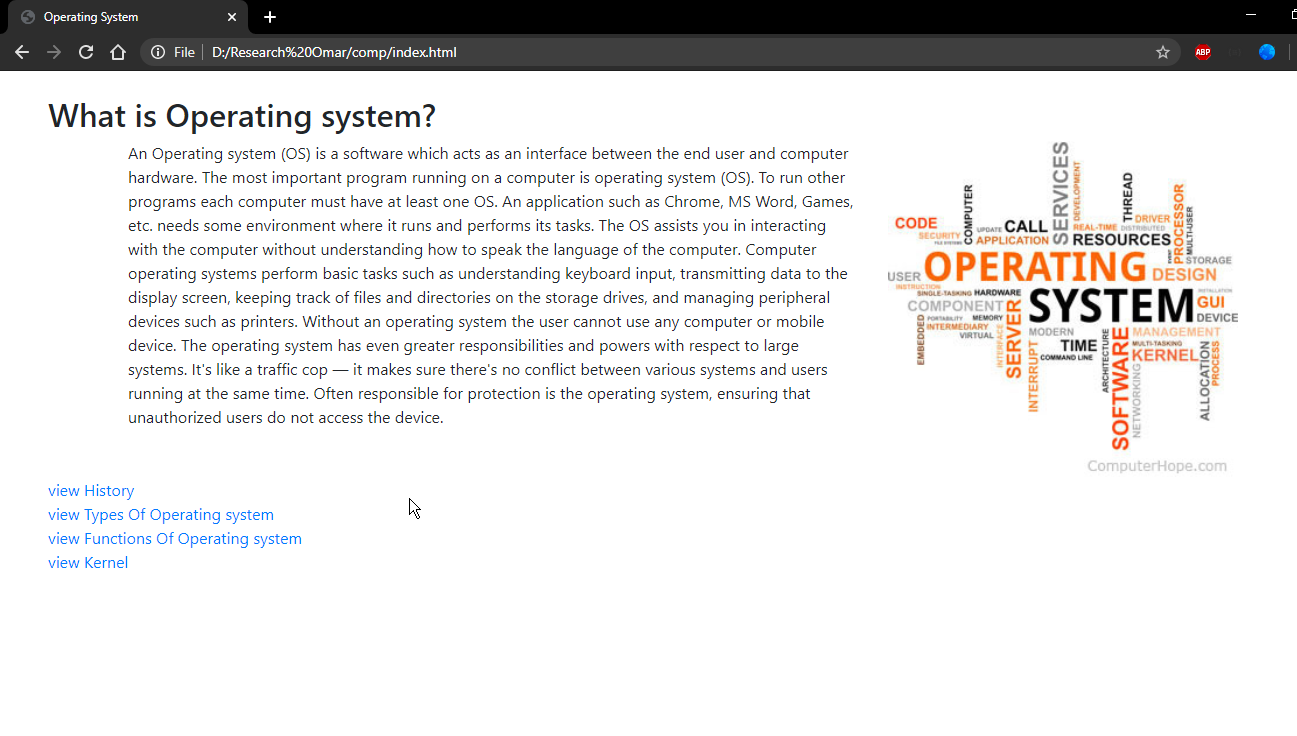
# Topic: Operating Systems

# Github link: <https://github.com/omar-ezzat/ece006>

# Github page: <https://omar-ezzat.github.io/ece006/>

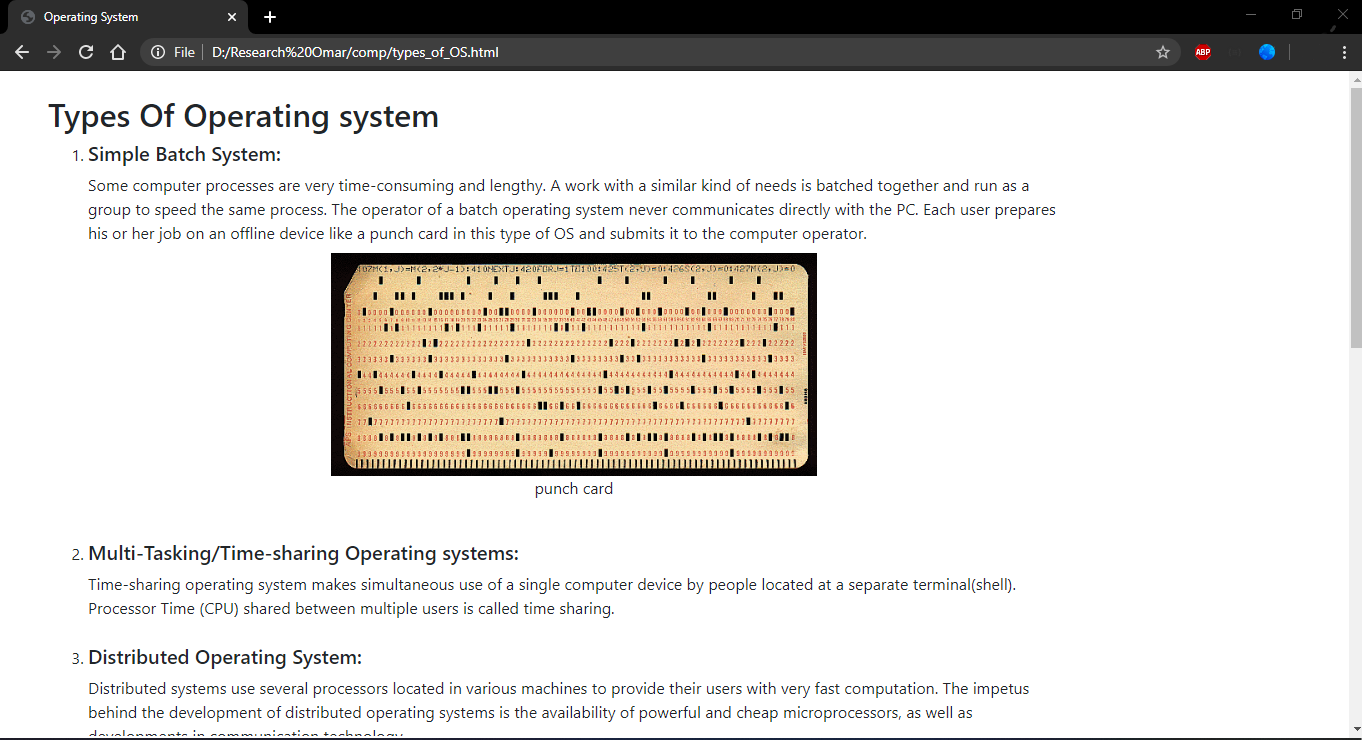
**Application brief:**

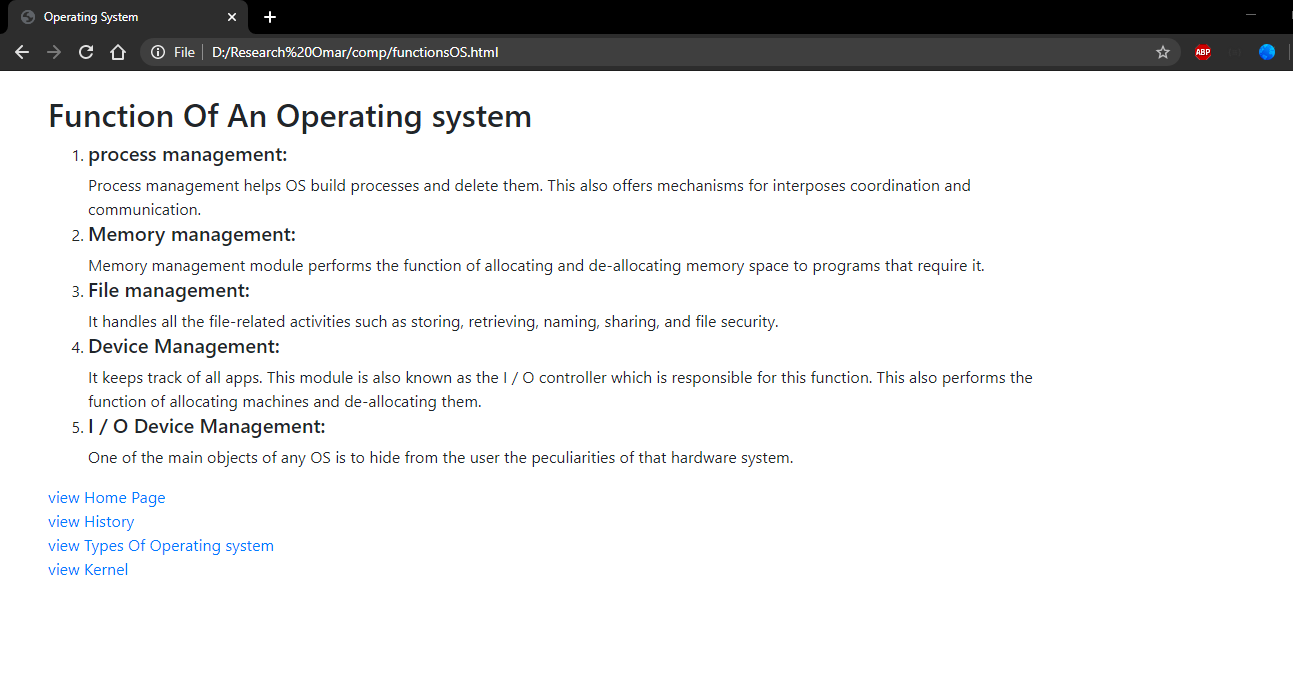
An Operating System (OS) is a computer user-hardware interface. An operating system is a program that performs all critical tasks such as file management, memory management, process management, input and output handling, and controlling peripheral devices such as disk drives and printers. The operating system has even greater responsibilities and powers with respect to large systems. It is like a traffic cop — it makes sure there's no conflict between various systems and users running at the same time. Often responsible for protection is the operating system, ensuring that unauthorized users do not access the device. The first operating systems to manage tape storage were developed in the late 1950s. The General Motors Research Lab developed the first OS for their IBM 701 in the early 1950s. In the mid-1960s, operating systems began using the disks. The first version of the Unix OS was developed during the late 1960s. Microsoft's first Designed OS was DOS. It was founded in 1981, when a Seattle corporation purchased the 86-DOS program. First came into existence in 1985, when a GUI was developed and combined with MS-DOS, the current common Windows OS. The kernel is the core component of an operating computer system. The kernel's main task is to control the communication between the software and the hardware. A Kernel is at a computer's core. It enables the link between the software and the hardware.

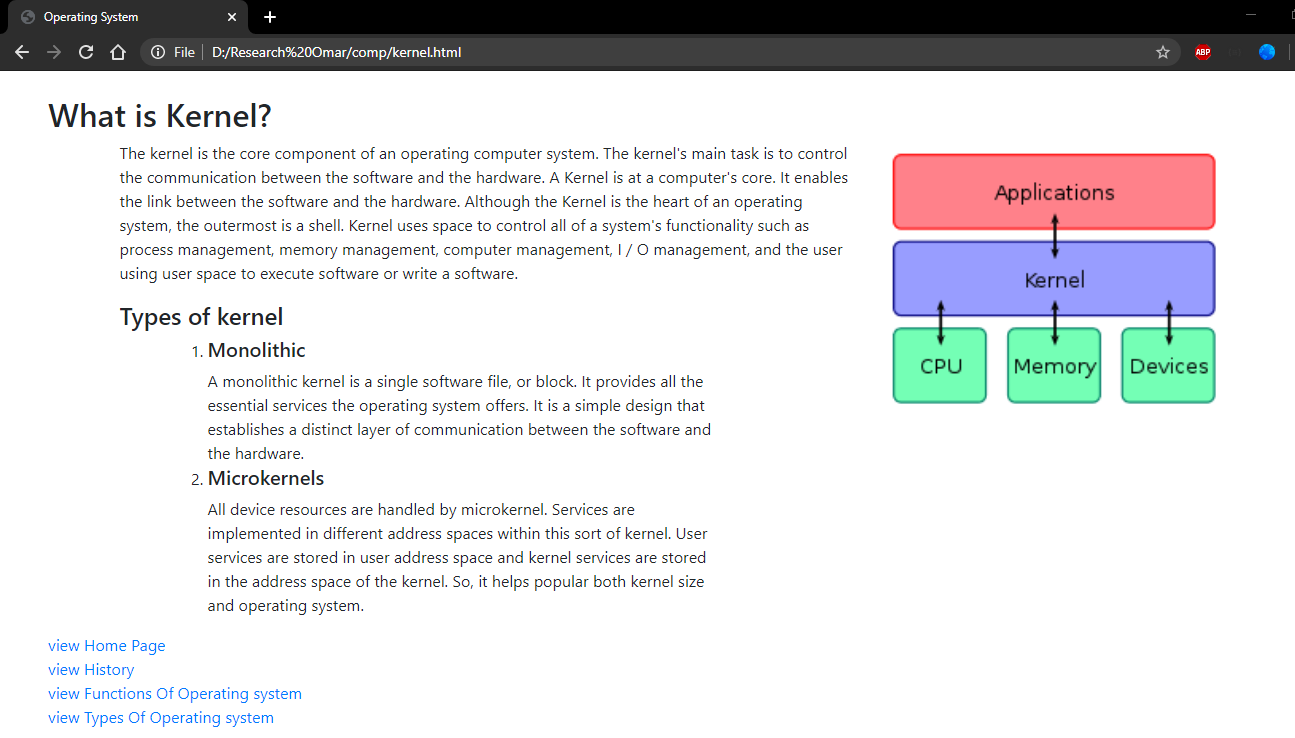
**Screenshots:** 

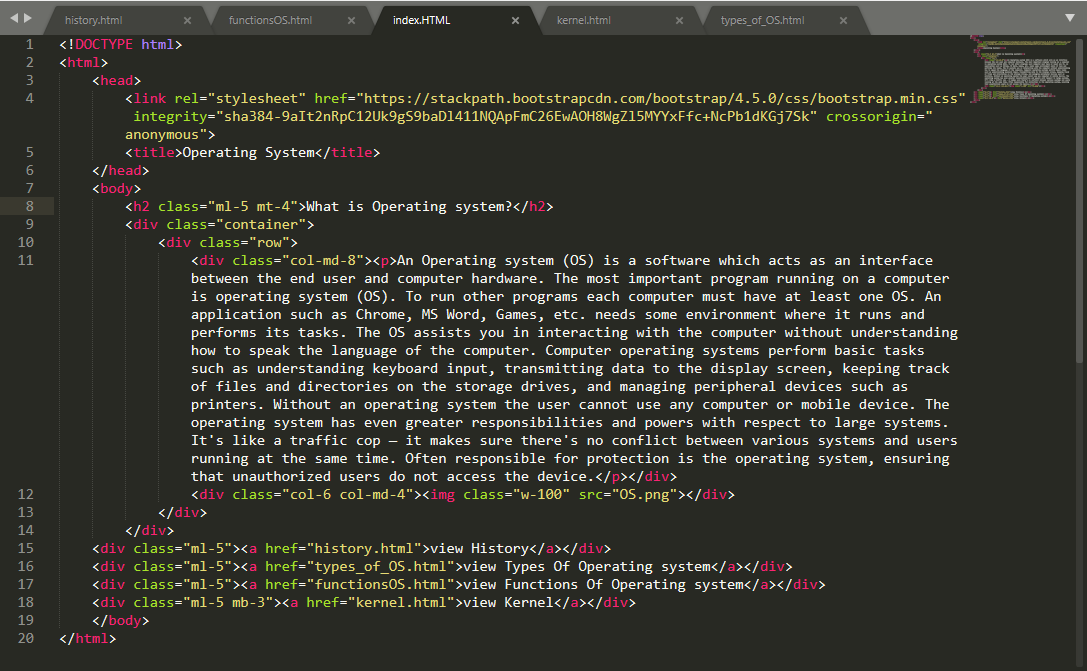
**A screenshot of a computer screen

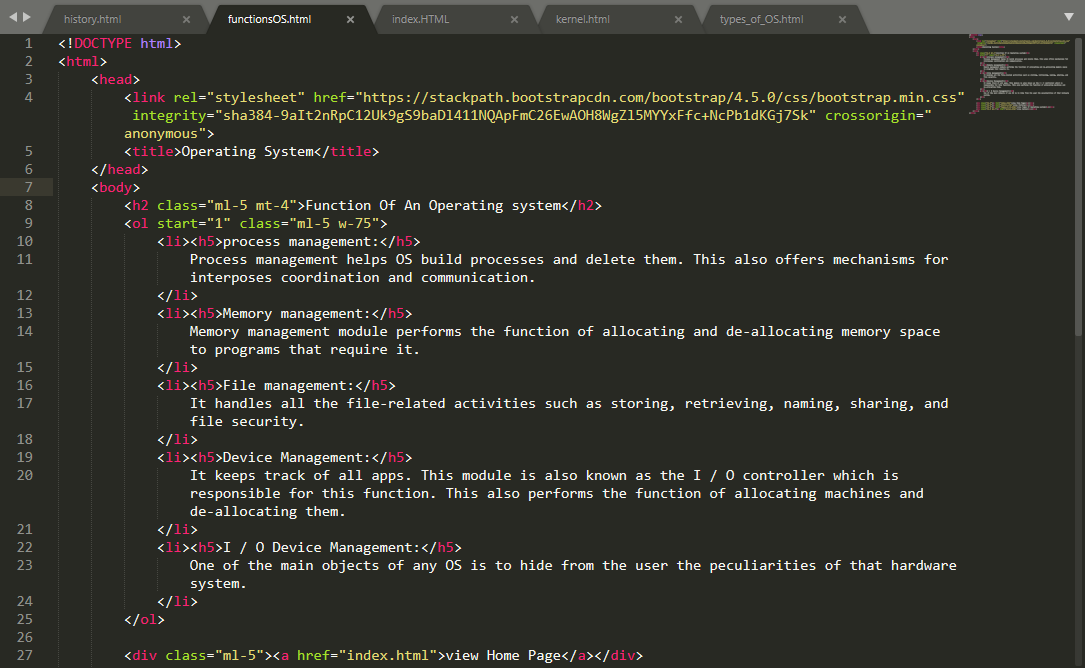
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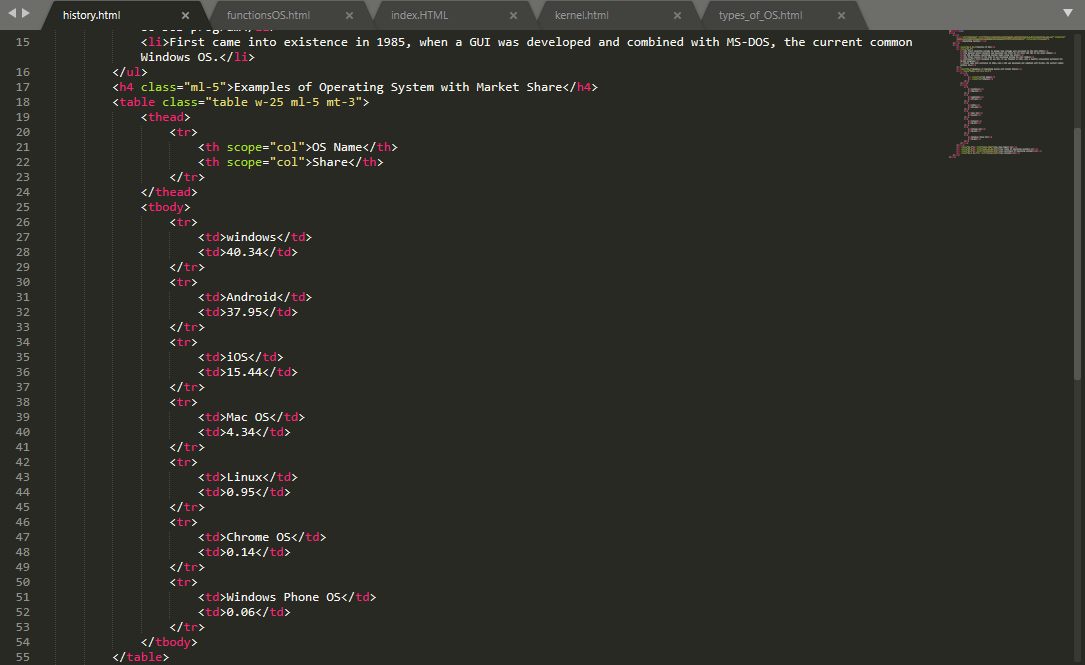
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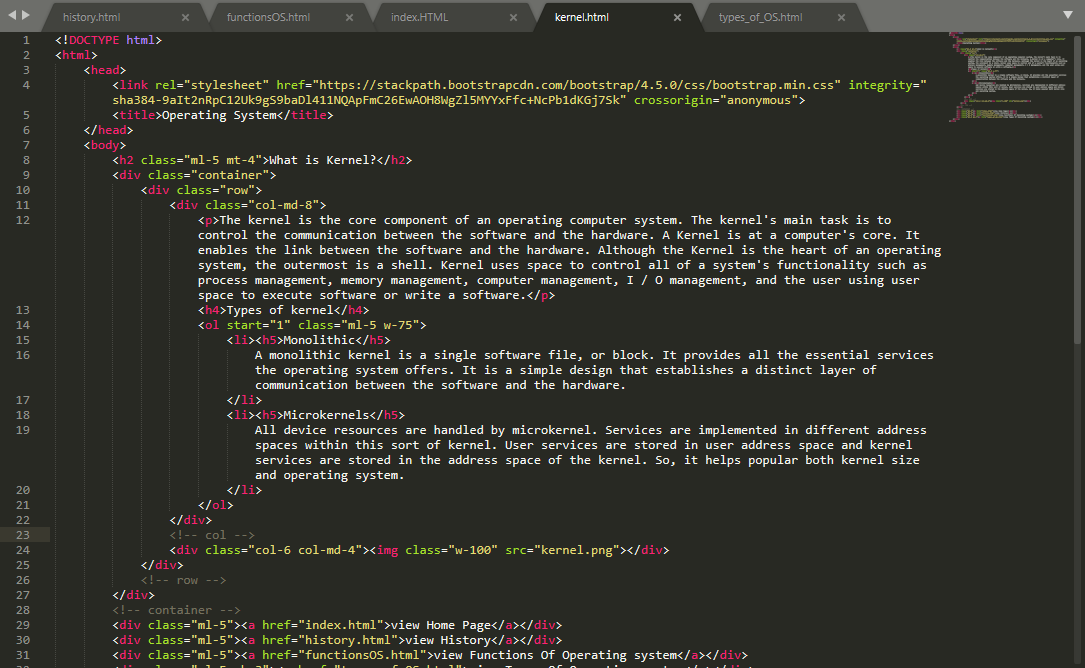
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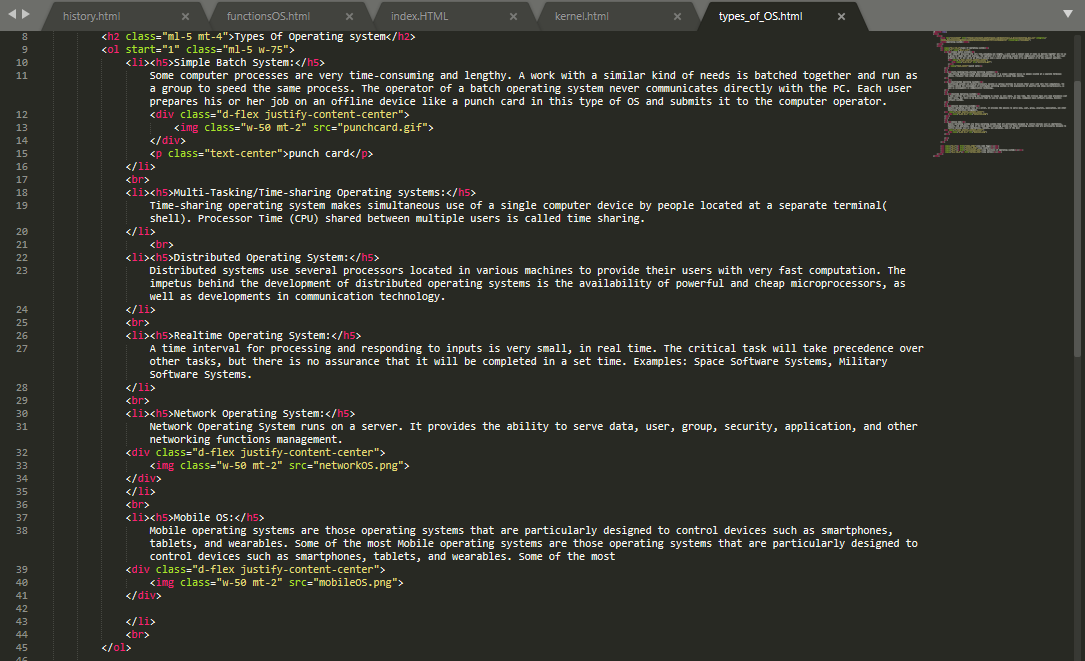
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