Operating Systems

Lecture 4

Presented by

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Topics to be covered
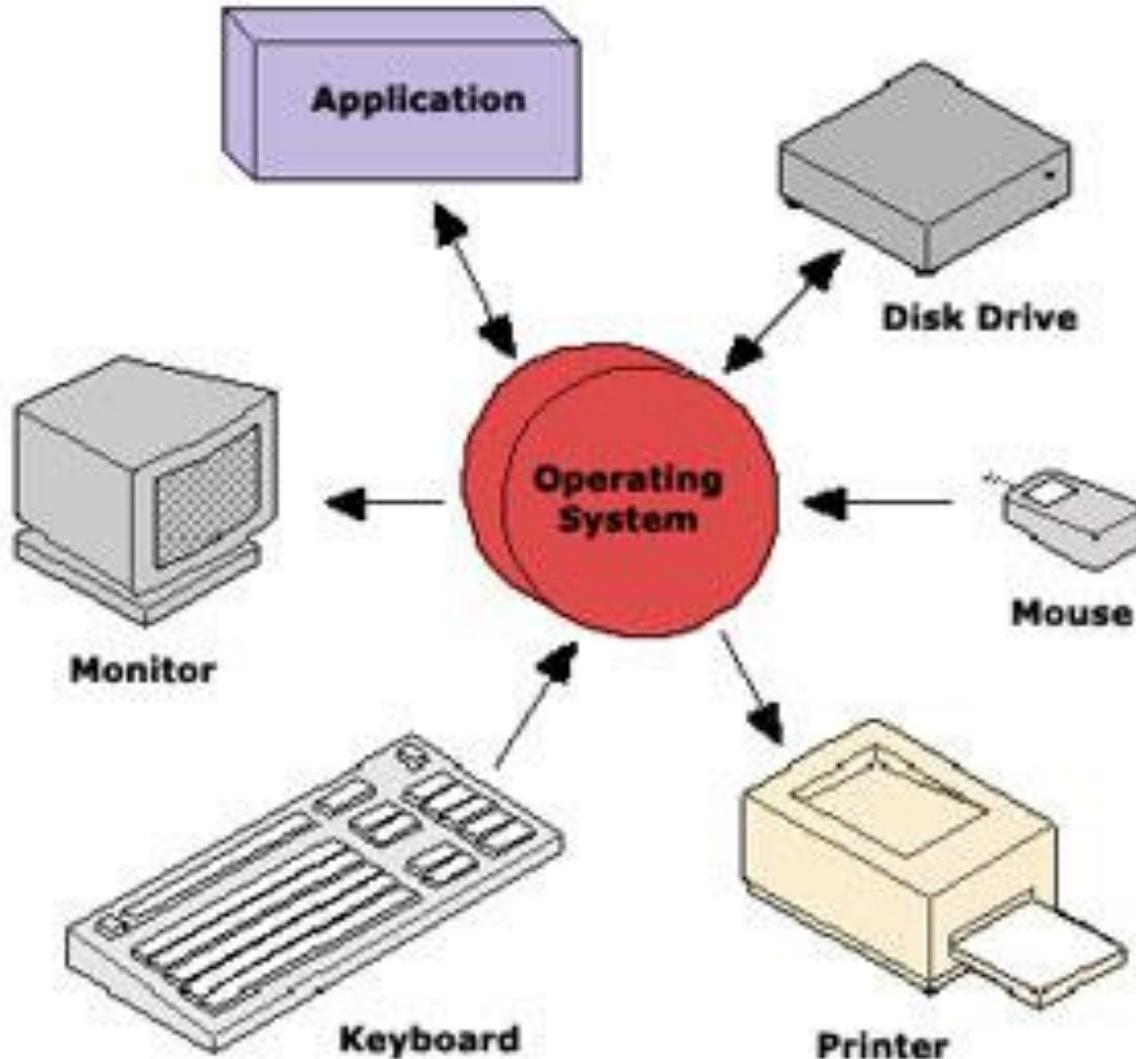
- Definition of Operating System
- Tasks of Operating system
- Objectives of operating system
- Classification of operating systems
- Some examples of operating systems
- Microsoft Windows

Operating systems

▸ OP a set of software that controls and communicates with the computers physical components, and provides a set of common services for the software applications that downloaded after it.

Tasks of operating system

Objectives of operating system

- Facilitating communication between the user and the computer
- Automated computer resources management
- Finding a safe and suitable space on the memory to exchange the required information.
- Laying to carry out the task and save the processor time to carry out this task.

Objectives of operating system

- Providing the opportunity to perform more than one task at a time.
- Providing the ability to participate on a single device from a user bug.
- Take advantage of the available resources inside the device

Classification of operating systems

- First: According to the nature of OS's
    1. Build in operating system
    2. Non-integrated flexible operating system
- Second: According to the tasks
    1. Multitasking
    2. Single task.
- Third : According to the users.
    1. Multi-Users
    2. Single-User

Some examples of operating systems

- DOS system for personal computer
- Mac OS by Apple company
- Linux
- Android OS

- Microsoft Windows

Microsoft Windows system Logo

Windows1 1985   Windows 3.1 1992   Windows 95 1995   Windows XP 2001   Windows Vista 2006   Windows 7 2009   Windows 8 2012   Windows 10 2015

Microsoft Windows Versions

Windows 1.01	1985
Windows 2.03	1987
Windows 2.10	1988
Windows 2.11	1989
Windows 3.0	1990
Windows 3.1	1992
Windows 95	1995
Windows ME	2000
Windows XP	2001
Windows XP Professional	2005
Windows Vista	2006-2007
Windows 7	2009
Windows 8	2012
Windows 10	2015- 2020

Thank you!