User Interfaces And Operating Systems

The Purpose of Operating System software is to :

   1. Control Hardware (devices) e.g. Mouse & printer drivers
   2. Provide a "graphical user interface" between the user and the hardware. - e.g. Command, Menu, Graphical.
   3. Control the reading and writing of data to disc. (Read ! Write) - e.g. DOS (Disc Operating System)
   4. Provide MEMORY MANAGEMENT - e.g. Multiprogramming
   5. Detect and then display error messages when the hardware or software fails.

Types of User Interface:
Command Line Interface
Menu-Driven Interface
Point and Click / Windows Interface

Operating Systems include:
Microsoft DOS
Microsoft Windows
0S2
Novel
Windows NT - Netwokring Operating System

Suppliers of Operating System software are increasingly bundling a number of "housekeeping" utility programs.

These programs include:

Data Compression
File Management (copying, deleting etc.)
Virus scanners
De-fragmentation utilities
Scandisk utilities - to check hard drives for errors

About the Author

http://www.whitbyhs.cheshire.sch.uk/curric/it/revision/revnotes/itnotes.htm

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