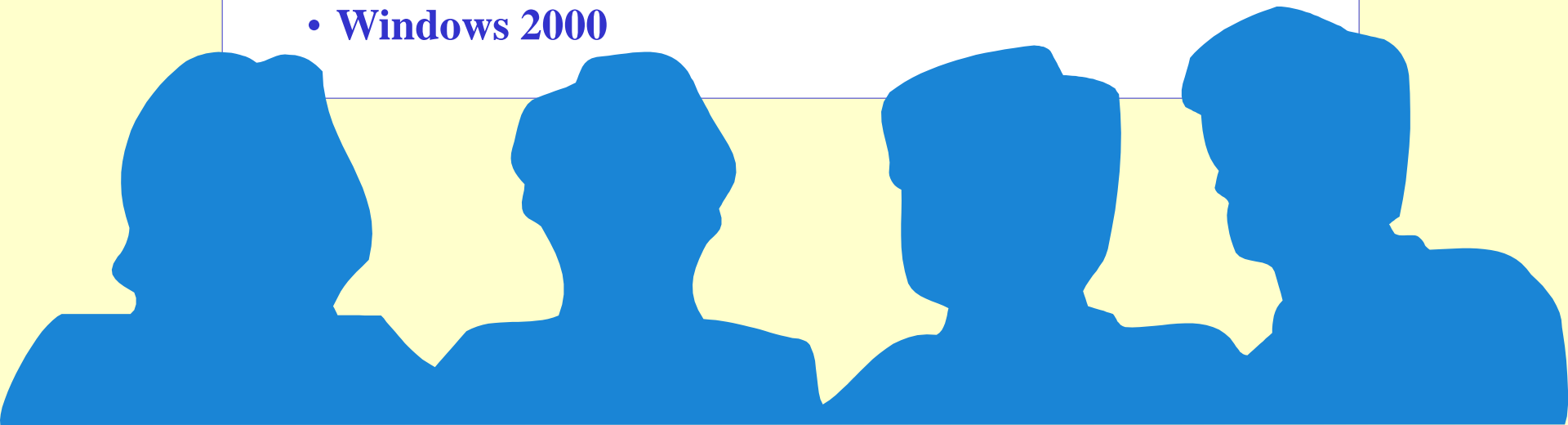


LESSON 12

PC Operating Systems in Review

This lesson includes the following sections:

- **UNIX**
- **DOS**
- **The Macintosh Operating System**
- **Windows 3.x**
- **OS/2 Warp**
- **Windows NT**
- **Windows 95 and 98**
- **Linux**
- **Windows 2000**



UNIX

- **UNIX is the oldest operating system used on PCs.**
- **UNIX was the first multi-user, multiprocessor, multitasking operating system available for use on PCs.**
- **Most versions of UNIX use a command-line interface, but some versions offer a GUI (Graphical User Interface).**

```
linex2> ls
Mail/          News/          brian/         mail/
Mailboxes/     ShopCart.dat  james.pl       public_html/
linex2> cd mail
linex2> ls
saved-messages  sent-mail      sent-mail-feb-1996
linex2> cd ..
linex2> ls
Mail/          News/          brian/         mail/
Mailboxes/     ShopCart.dat  james.pl       public_html/
linex2> ps
  PID TT STAT  TIME COMMAND
   3023 p8 S    0:00 -csh (csh)
linex2> ftp
ftp> open ftp.netscape.com
Connected to ftp20.netscape.com.
220 ftp20 FTP server (Version wu-2.4(17) Tue Feb 20 09:08:35 PST 1996) ready.
Name (ftp.netscape.com:swankman): anonymous
331 Guest login ok, send your complete e-mail address as password.
Password:
230>Welcome to the Netscape Communications Corporation FTP server.
230-
230-If you have any odd problems, try logging in with a minus sign (-)
230-as the first character of your password. This will turn off a feature
230-that may be confusing your ftp client program.
230-
230-Please send any questions, comments, or problem reports about
230-this server to ftp@netscape.com.
230-
230-***** October 13, 1995 *****
230-Private ftp is now only on ftp1.netscape.com. Anonymous is supported on
230-ftp 2 through 8. If you are accessing a named account please use ftp1.
230-
230 Guest login ok, access restrictions apply.
ftp> bye
221 Goodbye.
linex2> █
```

DOS

- **DOS (Disk Operating System) dominated the operating system market during the 1980s.**
- **DOS is a single-user OS that supports only 640 KB of memory.**
- **DOS features a command-line interface, and does not support multitasking or multiprocessing.**
- **Because DOS provides no interface restrictions, DOS applications can look and function differently.**

The Macintosh Operating System

- The Macintosh OS supports the graphical nature of the Macintosh computer.
- The Mac OS brought the first truly graphical user interface to consumers.
- The Mac OS also brought interface conformity to the desktop. All applications running under the Mac OS, therefore, provided the same "look and feel" to the user.

Kent

183 items, 2.9 GB available

Algebra Styles Sample Sheet <33.33%>

33.33% Selection

Sets

ADP Share

52 items, 1.9 GB available

Name

- Heidi_Kidwell.sh
- Jill_White.sh
- Joan_Shevell.sh
- Julie_Hickman.sh
- Kent_McDaniel.sh
- Lynda_Look.sh
- Mark_Clingan.sh
- Mike_Henry.sh
- Ruth_Kimple.sh
- fromchris 3/10
 - Am Hist EY STP
 - Art
 - Photo
- A04_02P_82251
- A07_01P_82251
- b/w C15-03-823
- b/w C11-45-P-823
- C07_18_P_h8

Inbox - Microsoft Outlook

Microsoft Outlook

- Mailbox - McDaniel, Kent
 - Deleted Items
 - Inbox
 - Outbox
 - Sent Items
 - Personal Folders
 - Public Folders

63 items 12:34 PM

house 1.tif @ 66.7% (CMYK)

66.67% Doc: 1.51M/1.51M

THU, Mar 10, 2000

stonehenge cpt.p

Fri, Mar 10, 2000

Where Americans	Fri, Mar 10, 2000
cliff	Today, 11:32 AM
	Today, 11:33 AM
23218	Today, 10:46 AM
	Thu, Jun 11, 199
18	Today, 10:50 AM
	Today, 10:52 AM
	Today, 11:34 AM
	Mon, Mar 6, 2000
	Sun, Jan 30, 2000

- From Dave 3/13/00
- Human Heritage arts

Kent

EP 02

ADP Share

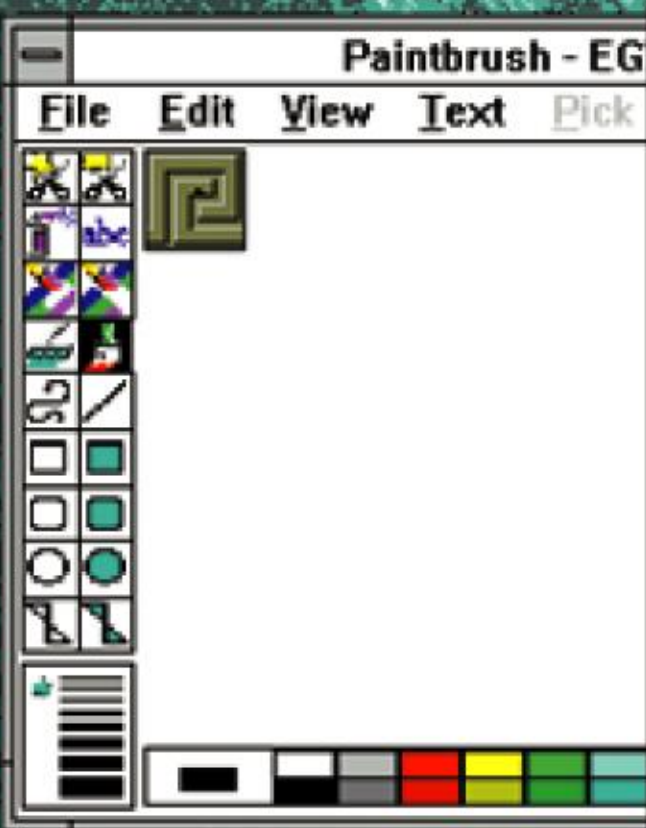
common.int

HSZIP-1858

Trash

Windows 3.x

- Windows 3.0, 3.1, and 3.11 are called the Windows 3.x family.
- Windows 3.x brought a GUI and multitasking capabilities to PCs running DOS.
- Windows 3.x is an operating environment because it ran on top of DOS, which was the actual OS.



3:17:15 PM
4/26/98

OS/2 Warp

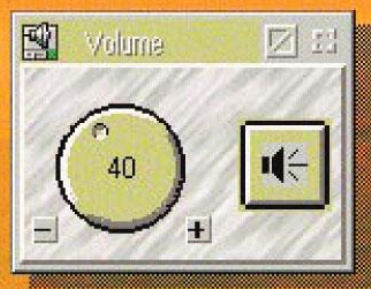
- **OS/2 Warp was the first true GUI-based operating system for Intel-based PCs.**
- **OS/2 is a multitasking OS that provides support for networking and multiple users.**
- **It was the first PC OS to feature built-in speech recognition capabilities.**

vi.exe
This is my OS/2 Warp 4 desktop...
<http://egnatia.ee.auth.gr/~kstavrou>
"desktop-screenshot.txt" 71 bytes

ping.exe
icmp_seq=518. time=460. ms
64 bytes from 204.146.167.81:
icmp_seq=519. time=500. ms

Dialup 155.207.1.190 MTU=1500
↓284028↓ ↑76430↑
168b/s, Max 3.43Kb/s
Thu, 01-14 00:34:17
CPU Load 26%

OS/2 videos
Folder Edit View Selected Help
warp-ad1.avi warp-ad2.avi warp-ad3.avi warp-ad4.avi warp-ad5.avi



Temporary Folder
programming
My Bookmarks
files
My Documents

Windows NT

- Microsoft's Windows NT was meant as a replacement for DOS, but was too resource-intensive to work on most PCs at the time of its release.
- Microsoft issued two versions of Windows NT—Windows NT Workstation and Windows NT Server.
- NT is a very powerful and robust OS, resistant to system crashes.

Windows 95 and 98

- **Windows 95 was Microsoft's first true GUI-based, 32-bit operating system for Intel PCs.**
- **Windows 95 supports multitasking and can run older DOS and Windows 3.x programs.**
- **Windows 98's features include advanced Internet capabilities, an improved user interface, and enhanced file system performance, among others.**



My Computer



Online Services



Netscape Communicator



RealDukebox



WinZip



My Documents



Compaq DVD Player



Outlook Express



RealPlayer Plus G2



Word 2000



Internet Explorer



Compaq VideoPhone



PageMill 3.0



RingCentral Fax



WordWeb Thesaurus



Network Neighborhood



Floppy Disk (A)



PaintShop Pro 4.0



Road Runner Manager



Recycle Bin



FrontPage Explorer



Presario Support



Rolling Stone Radio



Setup MSN Internet A...



FullShot99



Printers



Shockwave Remote



Connect to the Internet



Omega Tools



Quicken



Windows Explorer



My Briefcase



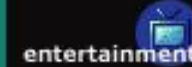
MindSpring



QuickTime Player



Windows Media Player



Linux

- **Linux is a recently developed version of UNIX, which is available for free or at a very low cost from various sources.**
- **Linux is a very powerful 32-bit OS that supports multitasking, multiple users, networking, and virtually any application.**
- **Linux can run on nearly any type of computer.**
- **Because of its power and openness, Linux is attracting many users, including students, teachers, Internet service providers, and others.**

Windows 2000

- Windows 2000 features the same interface and features of Windows 98, with the file system, networking, power, and stability of Windows NT.
- Several versions of Windows 2000 are available, each targeting a specific user or computing environment, from home PCs to large enterprise networks.



My Documents



My Computer



My Network
Places



Recycle Bin



Internet
Explorer



Connect to
the Internet

Windows 2000 Server
Evaluation copy. Build 2183

