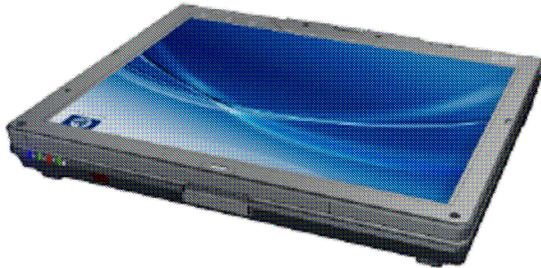


HP Tablet PC

HP Compaq tc4200



Tutorial for Engineering Class/Lab Use

Dr. Charles Kim

Department of Electrical and Computer Engineering

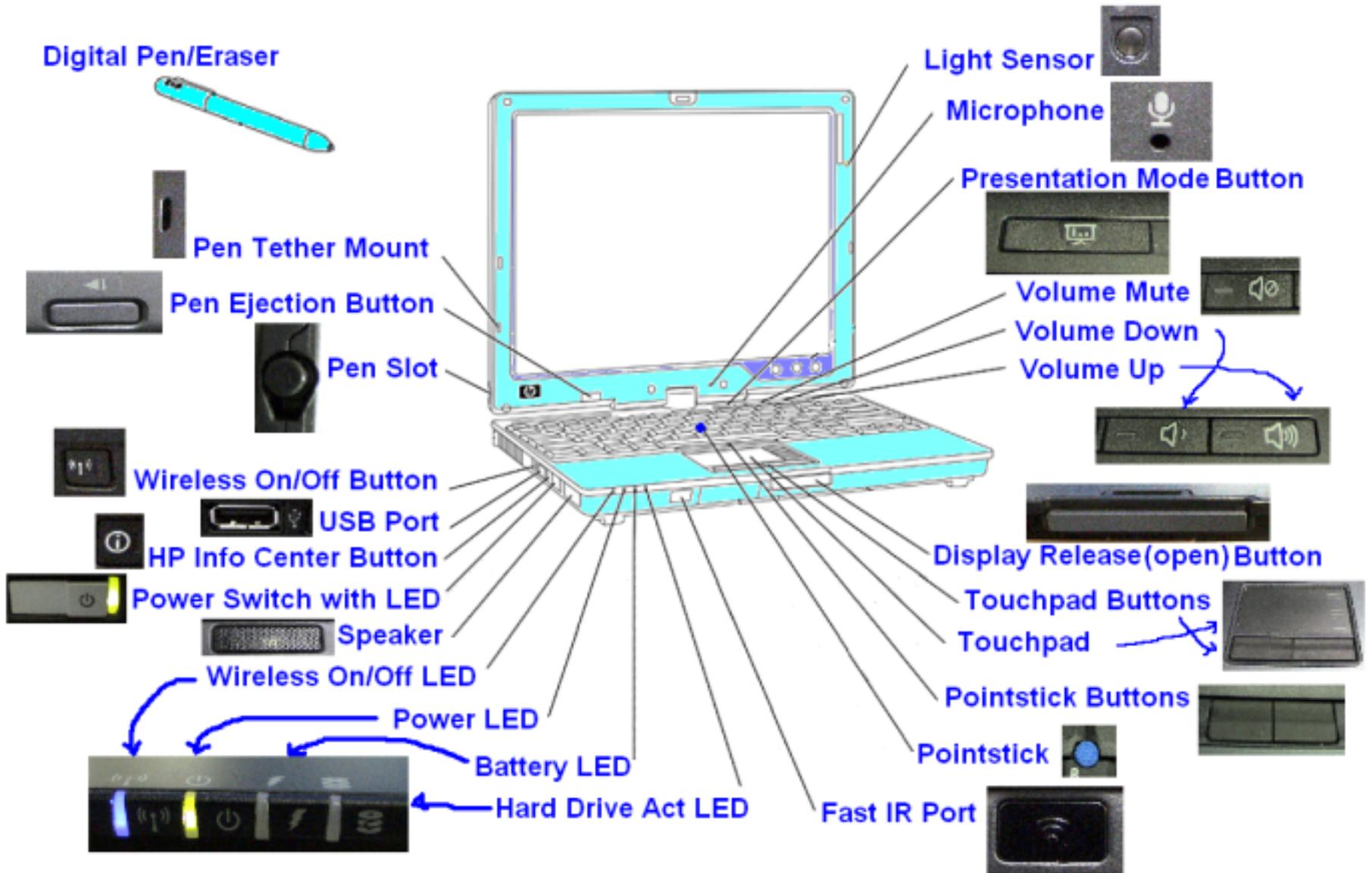
Howard University

2006

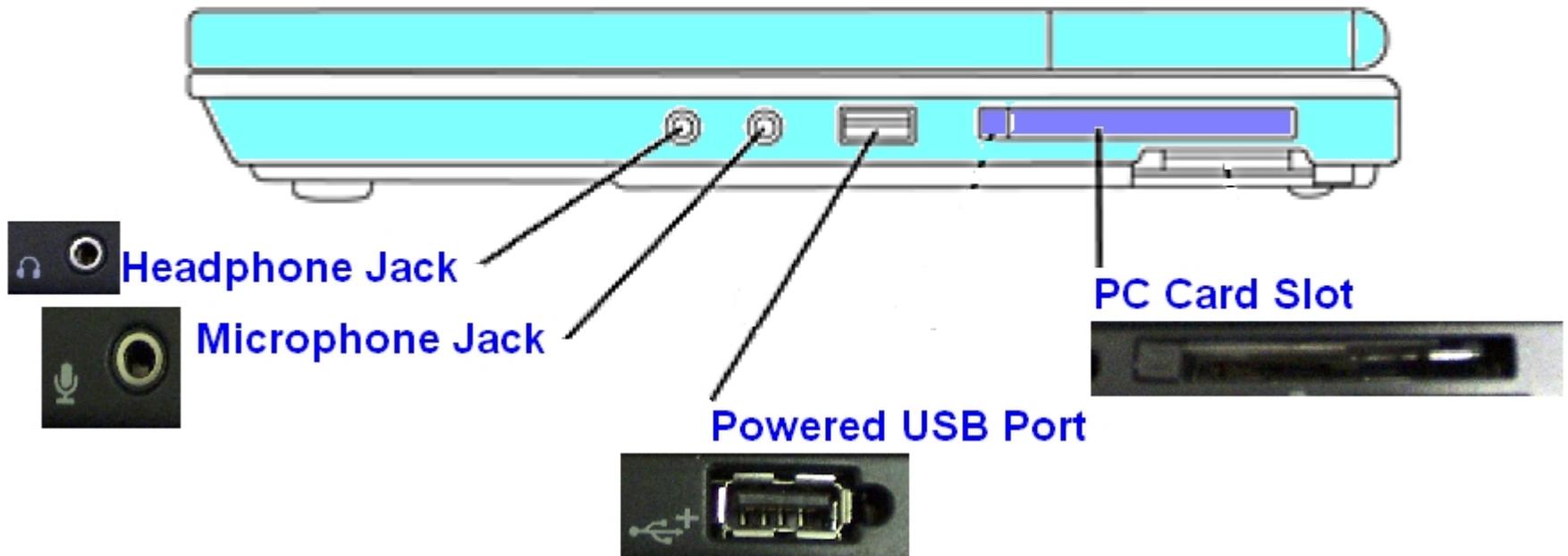
Quick Spec

- Windows XP Tablet PC Edition 2005
- Intel® Pentium® M processors 730 to 770* or Intel Celeron® M processor 370*
- 12.1-inch XGA Wide Viewing Angle Display
- Mobile Intel 915GM Express Chipset
- 256-MB DDR2 SDRAM
- Up to 80-GB 5400 rpm, user-removable hard drive
- Optional integrated Bluetooth
- Dual pointing devices (Touchpad with Scroll Zone and Pointstick)
- Docking Station for CD/DVD
- Pressure sensitive digital eraser pen with tether and clip

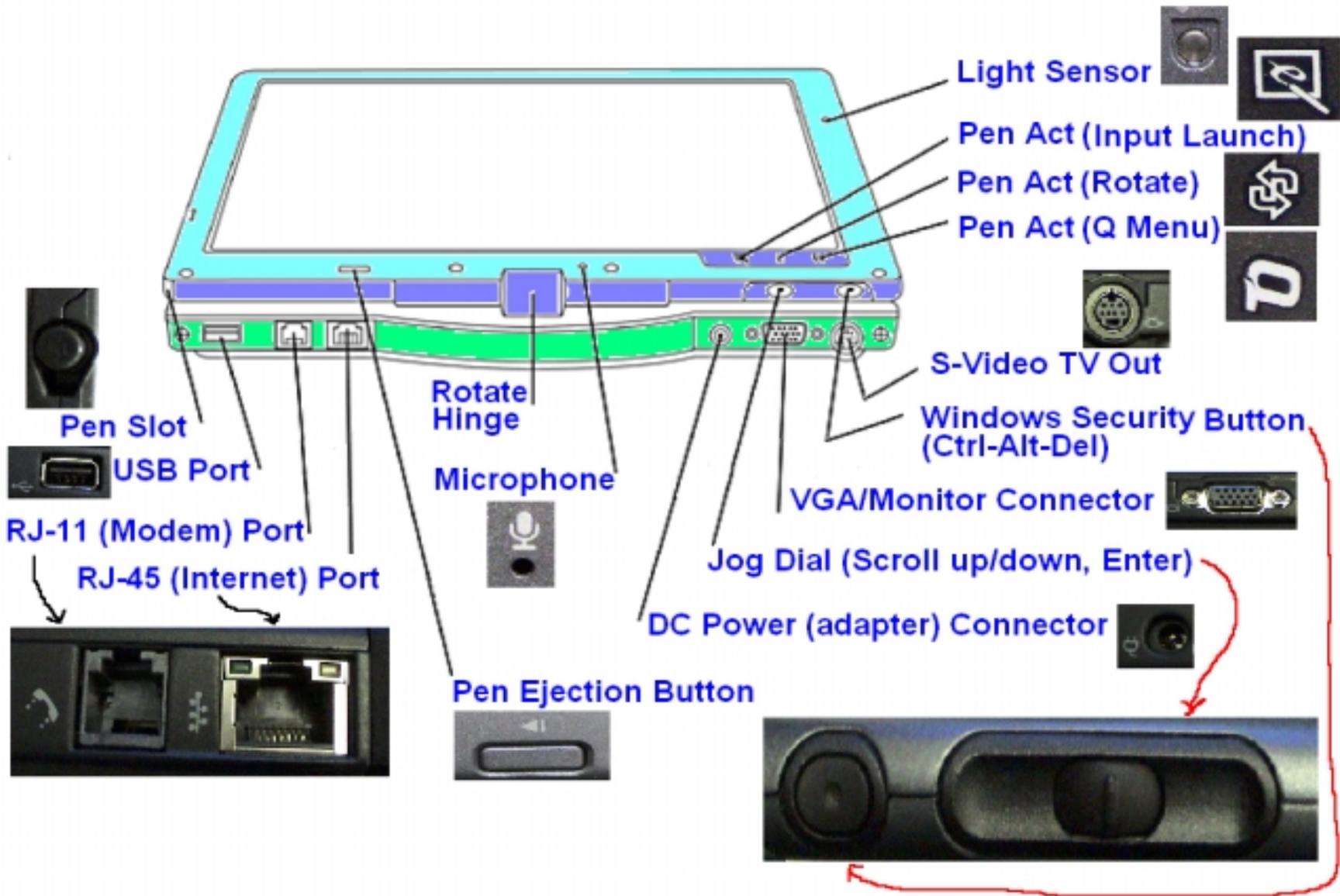
Overview



Rightview

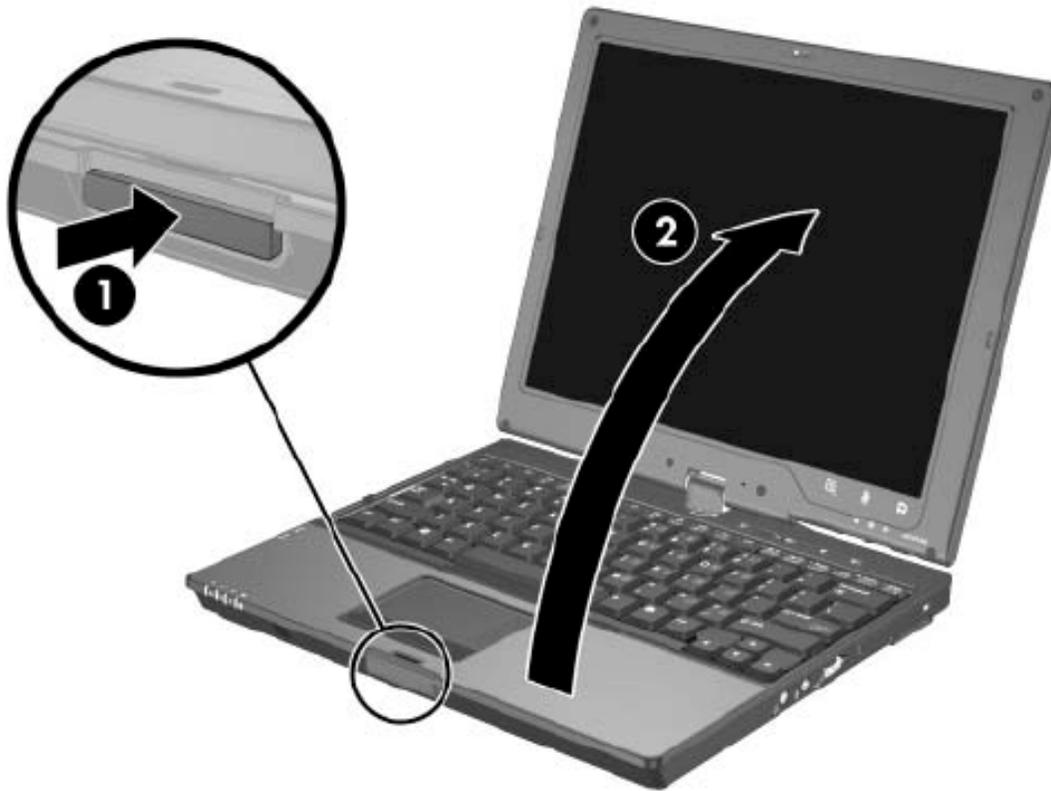


Backview (Tablet Mode)



Getting Started

Opening the Tablet PC



1. Press the Display Release Button
2. Raise the Display

- “Getting Started” is based on *Getting Started HP Compaq Tablet PC Series*. Document Number 367427-001, HP. March 2005

Getting Started

Rotating the Display for Tablet Mode

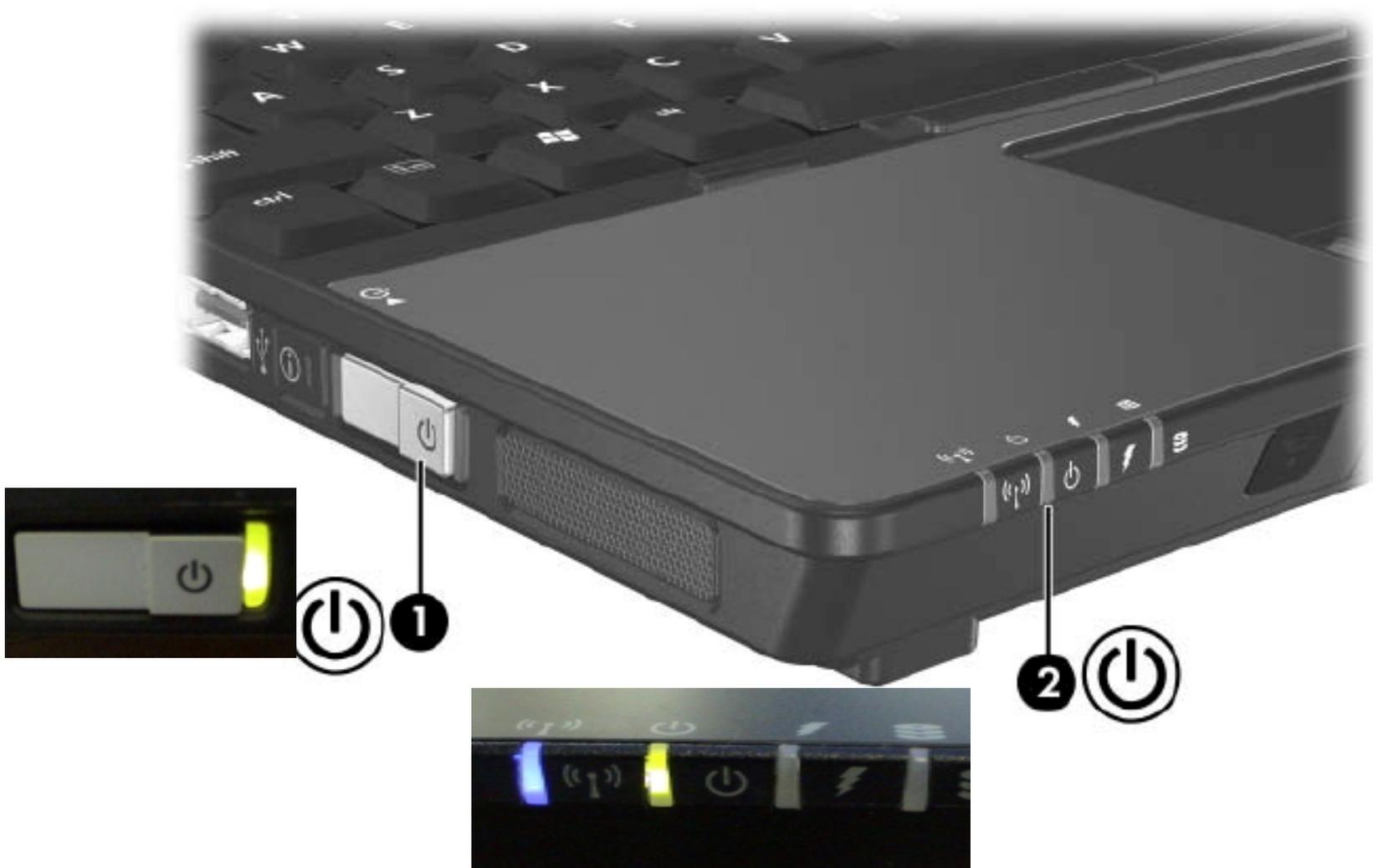
1. Rotate the display clockwise until it snaps into place facing away from the keyboard.
2. Tilt the display downward onto the keyboard until it snaps into place.



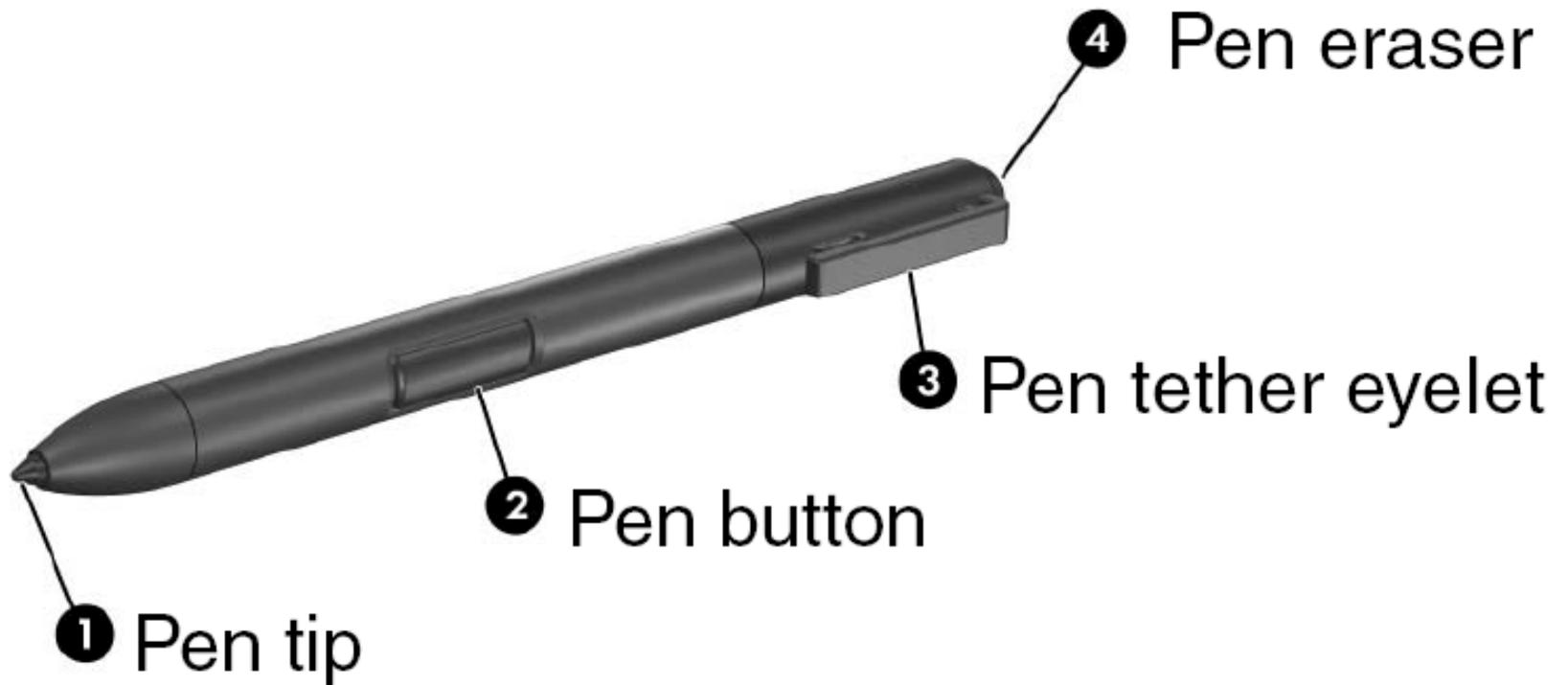
Getting Started

Turn on the Tablet PC

Slide the power switch 1 toward the front of the tablet PC. The power/standby light 2 is turned on.

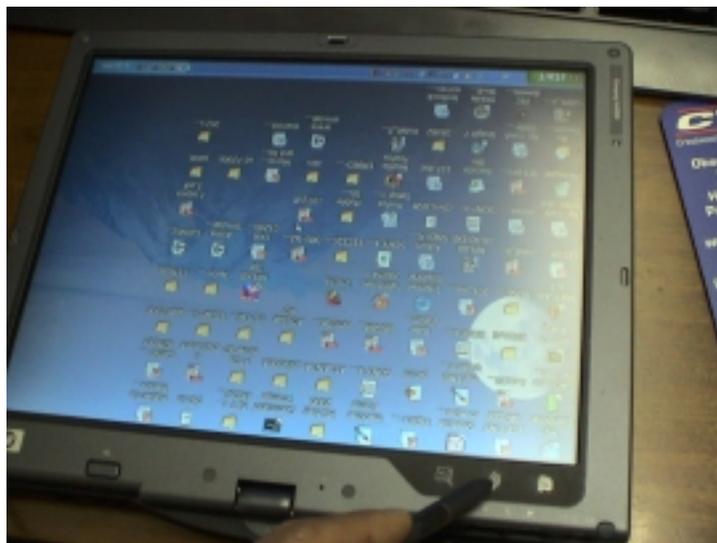
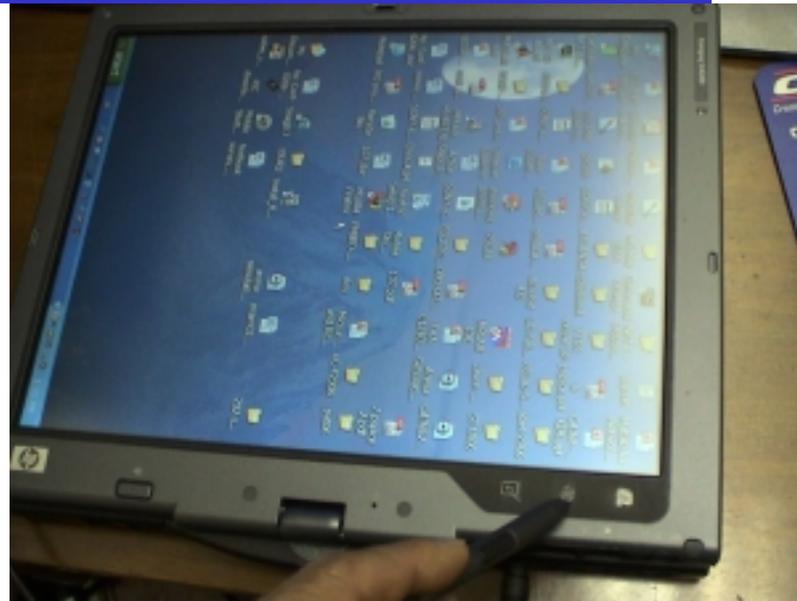
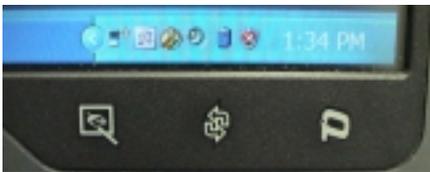


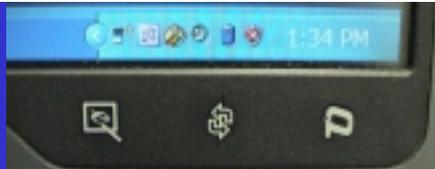
Pen



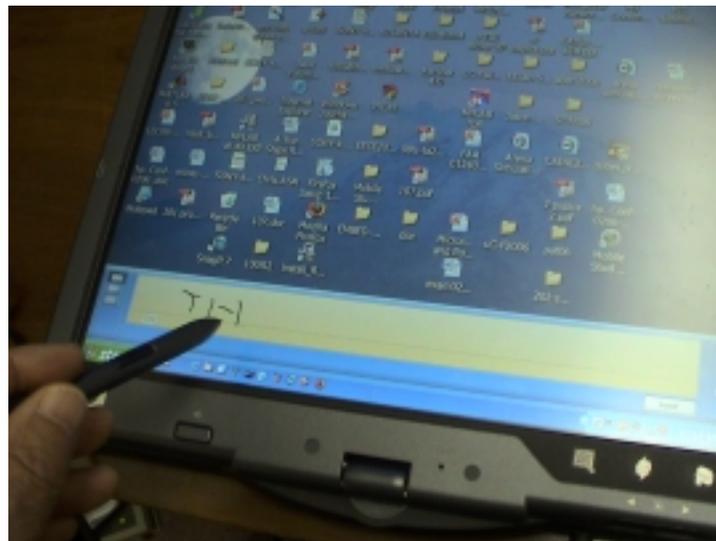
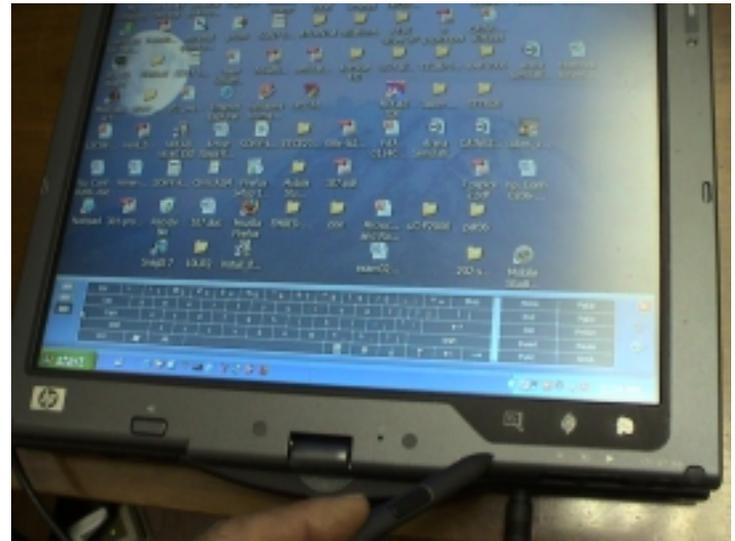
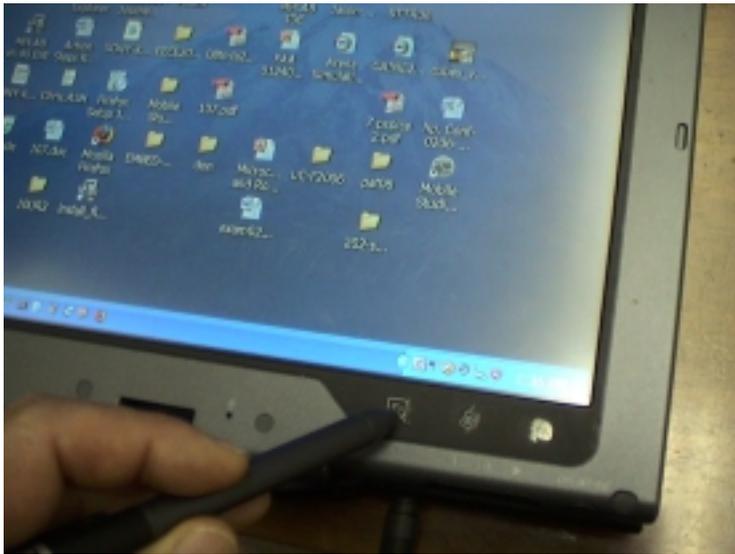
Pen Action

Tap the Rotate using Pen

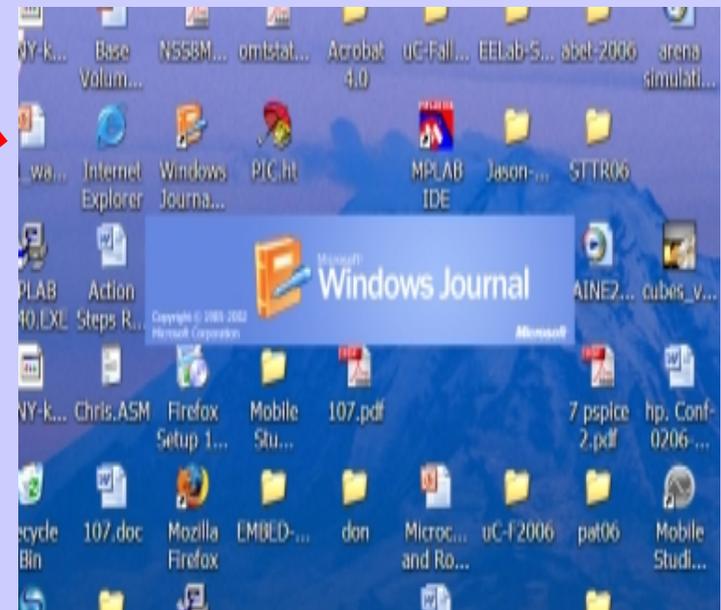
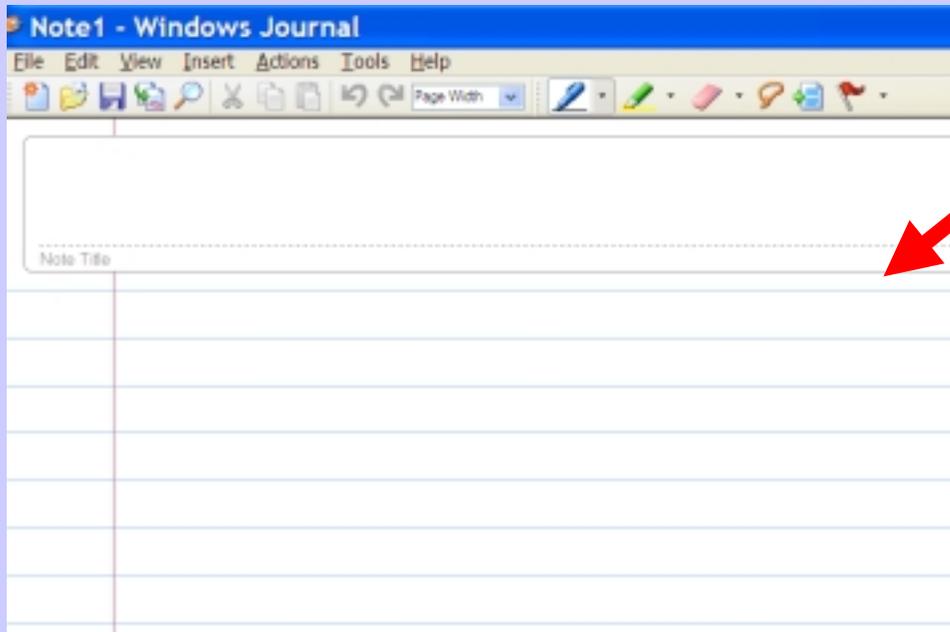
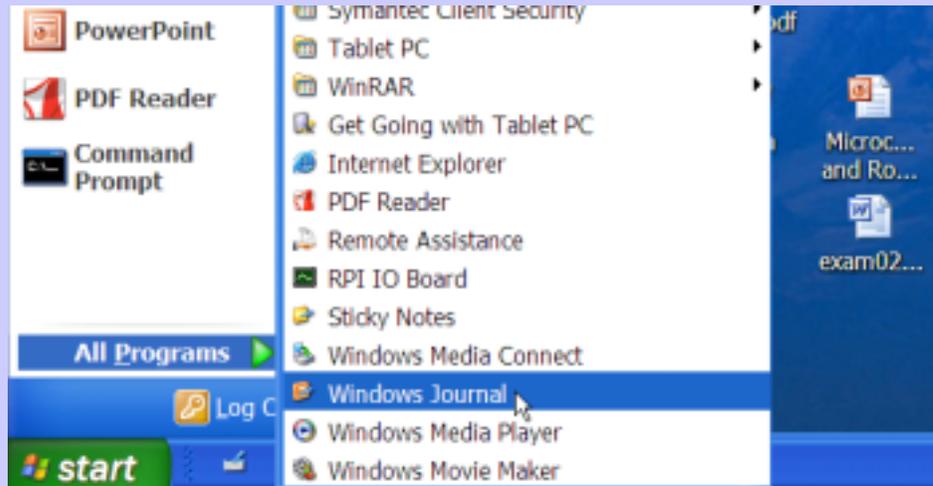




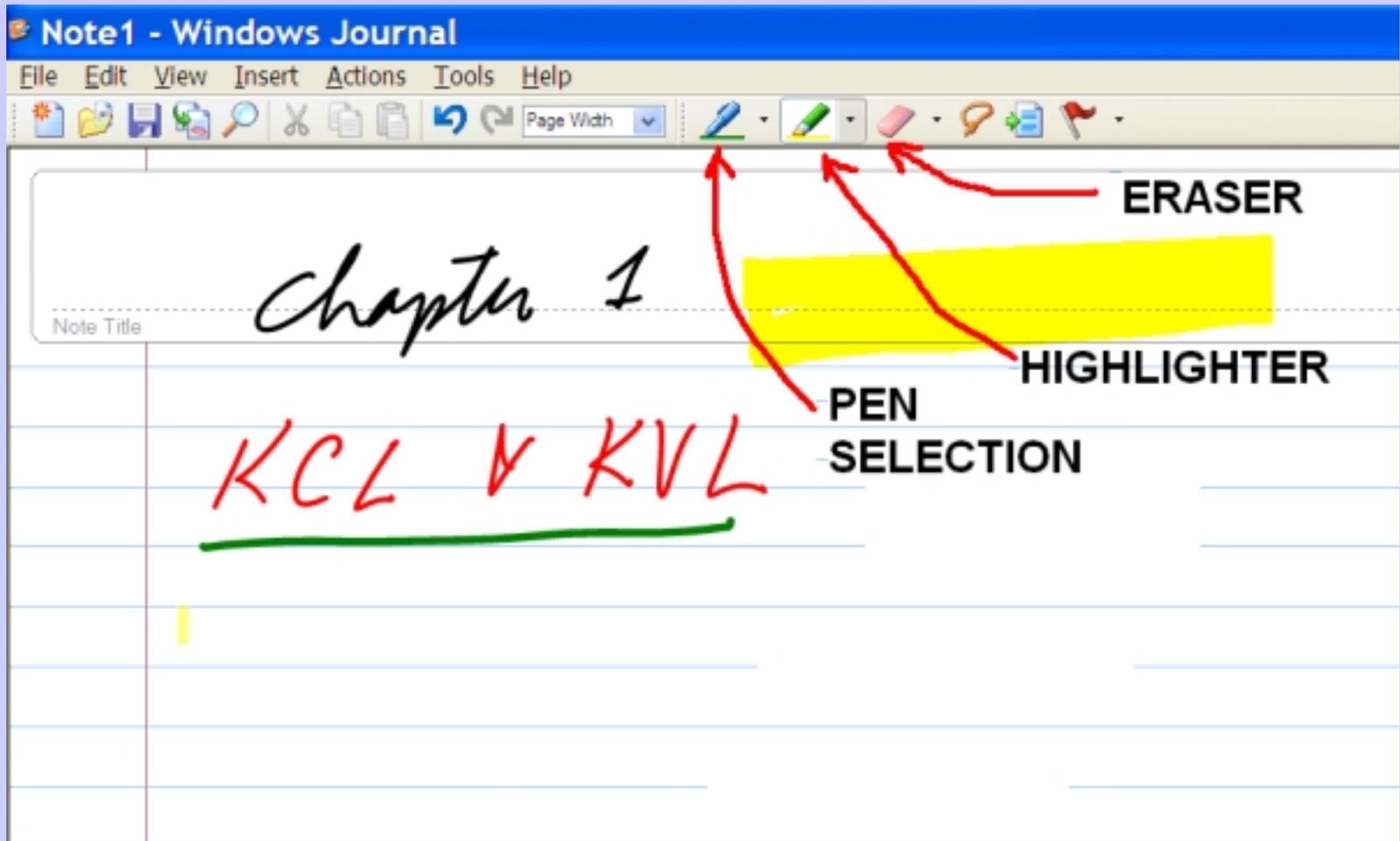
Pen Action Tablet Input Launch



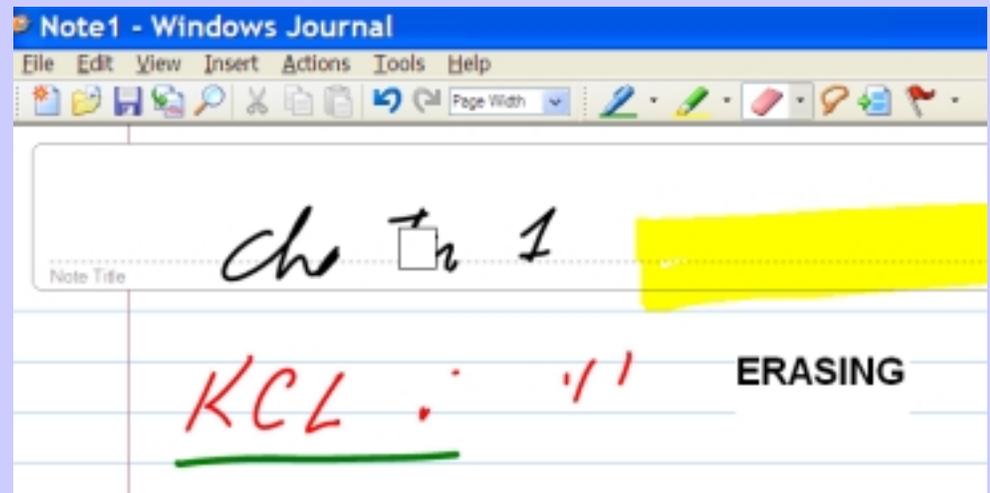
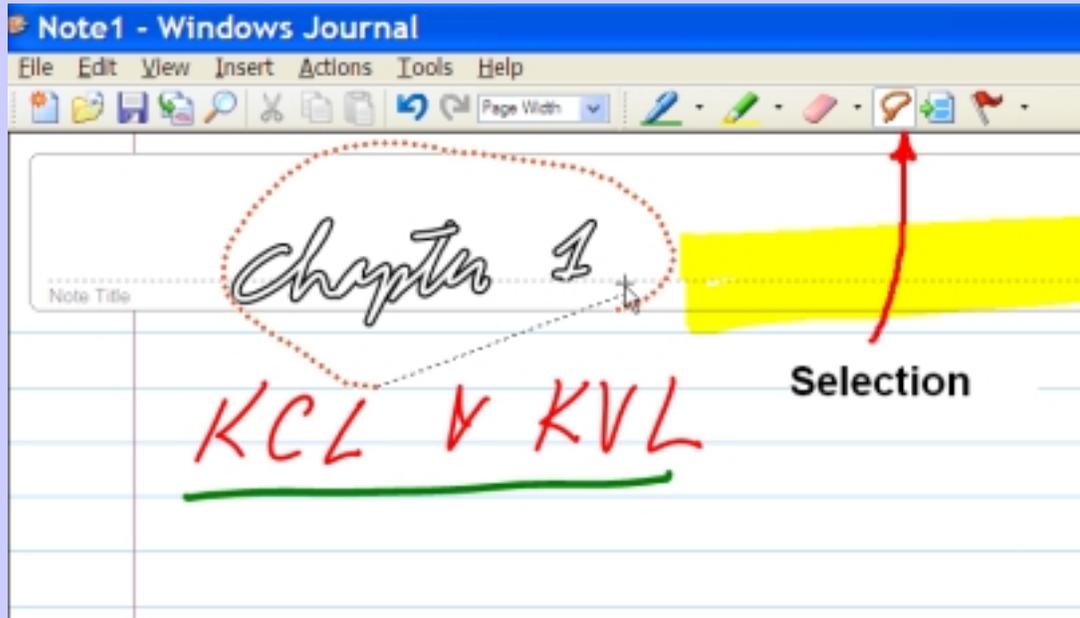
Windows Journal 1



Windows Journal 2

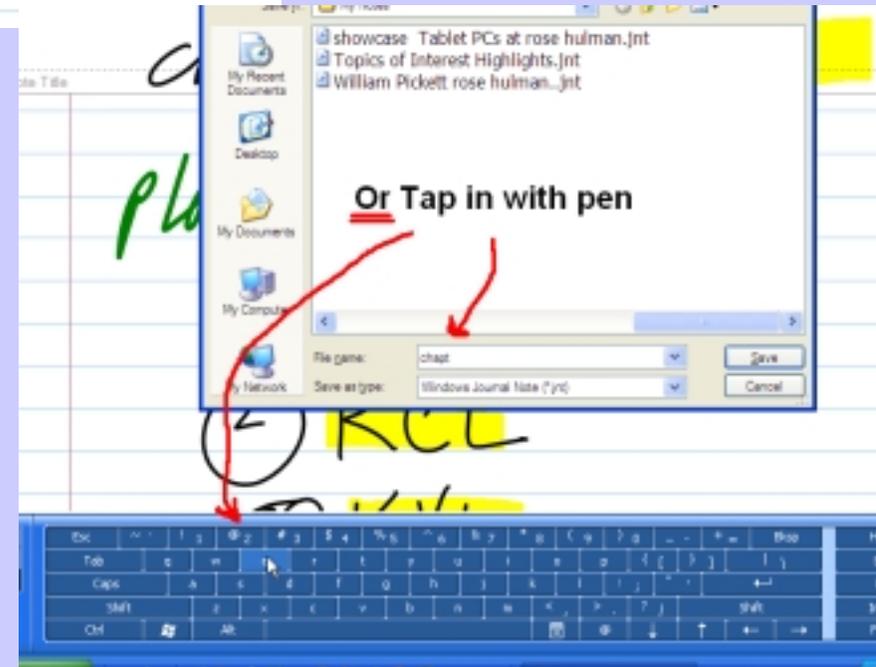
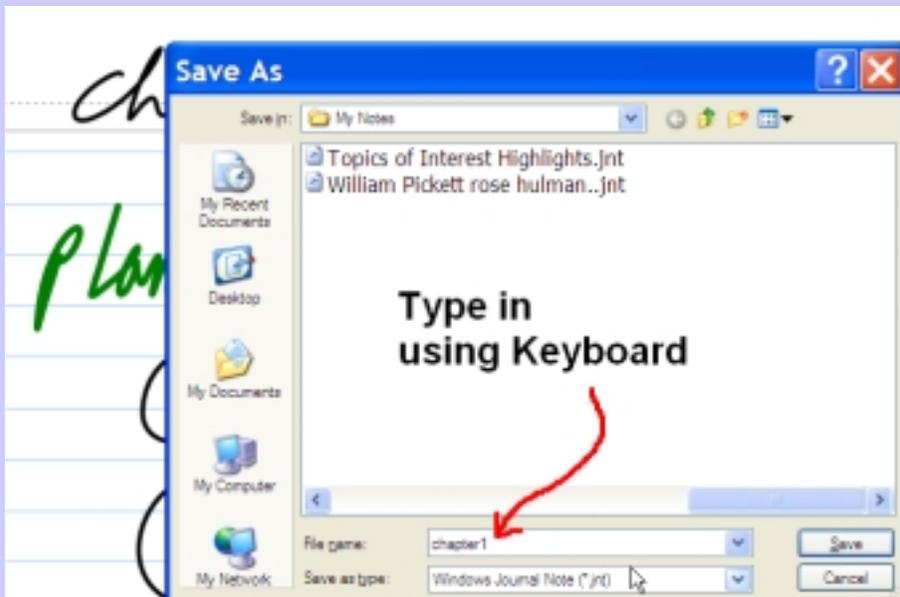
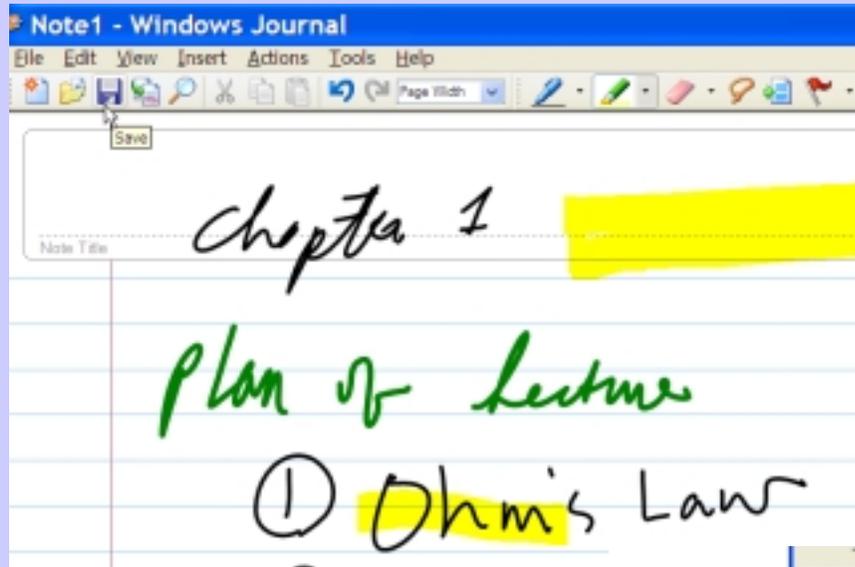


Windows Journal 3



Windows Journal 4

- Save



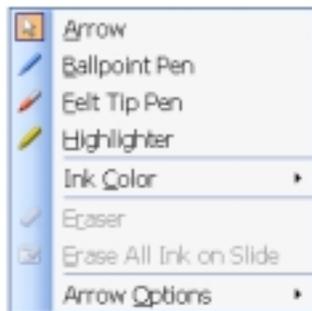
Power Point with Pen Annotation 1

- Tap for Pen menu

EECE416 Microcomputer Fundamentals

Microprocessor Architecture

Dr. Charles Kim
Howard University



Power Point with Pen Annotation 2

- Select Pen Type/Color

Computer Architecture

⌘ Computer System

- ☑ CPU (with PC, Register, SR) + Memory

The diagram illustrates the internal structure of a microprocessor. At the top, an **Instruction** register (yellow bar) provides an **Operation** (indicated by a downward arrow) to the **ALU** (red rounded rectangle). The **ALU** also receives two data inputs: $D_{in}(a)$ (from a light blue register) and $D_{in}(b)$ (from a green **PC** register). The output of the ALU is D_{out} , which is stored in a vertical light blue **Registers** block.

A screenshot of a presentation software toolbar is shown in the bottom left corner. The **Felt Tip Pen** option is highlighted in orange. Other visible options include Arrow, Ballpoint Pen, Highlighter, Ink Color, Eraser, Erase All Ink on Slide, and Arrow Options.

2

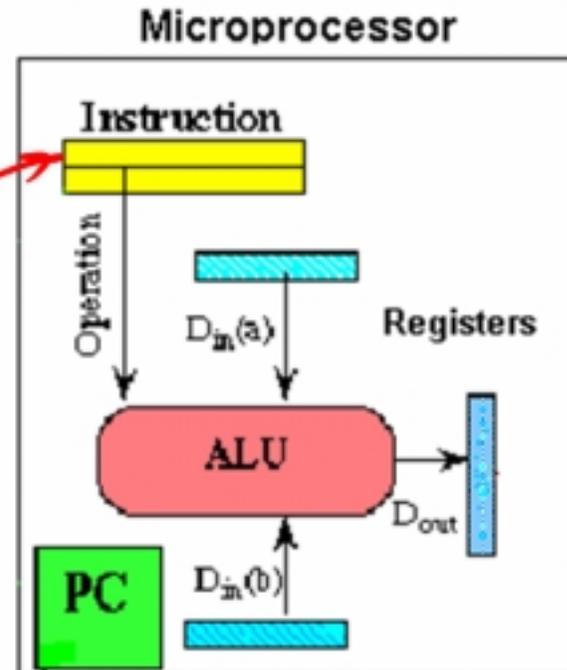
Power Point with Pen Annotation 3

- Write on it

Computer Architecture

⌘ Computer System

- ☑ CPU (with PC, Register, SR) + Memory



Power Point with Pen Annotation 4

- Select Eraser

Computer Architecture

⌘ Computer System

- ☑ CPU (with PC, Register, SR) + Memory

fetch

EXT memory

The diagram illustrates the internal structure of a microprocessor. At the top, an **Instruction** register (yellow bar) provides an **Operation** to the **ALU** (red rounded rectangle). The ALU also receives data $D_{in}(a)$ from a **Registers** block (blue bar) and data $D_{in}(b)$ from a **PC** (Program Counter, green box). The ALU produces an output D_{out} to another **Registers** block (blue bar). A red arrow labeled "fetch" points from the "EXT memory" box to the Instruction register.

A screenshot of a presentation software toolbar is shown in the bottom left. The **Eraser** tool is selected and highlighted in orange. Other tools visible include Arrow, Ballpoint Pen, Felt Tip Pen, Highlighter, Ink Color, Erase All Ink on Slide, and Arrow Options.

2

Power Point with Pen Annotation 5

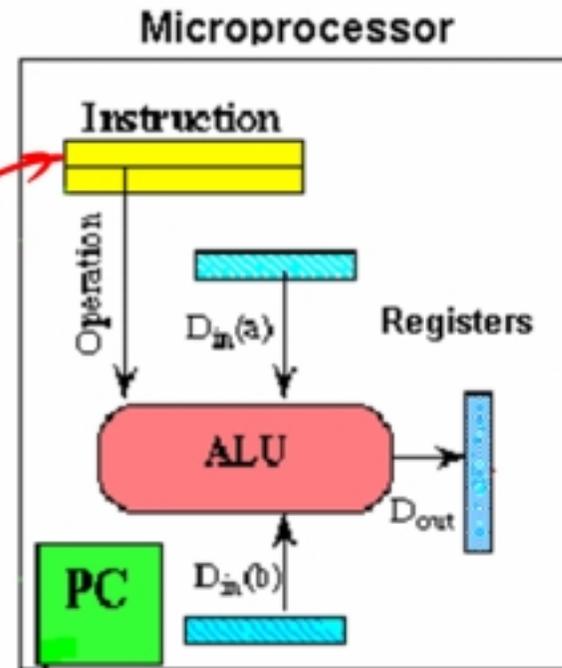
- Erase

Computer Architecture

⌘ Computer System

- ☑ CPU (with PC, Register, SR) + Memory

fetch
Σ memory



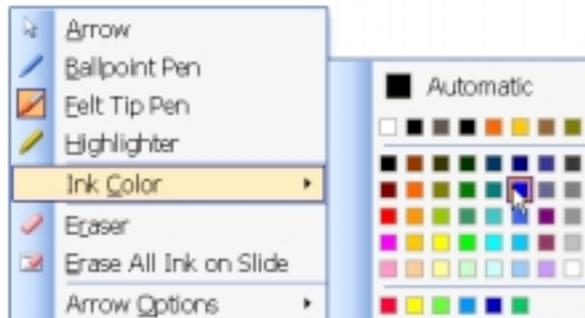
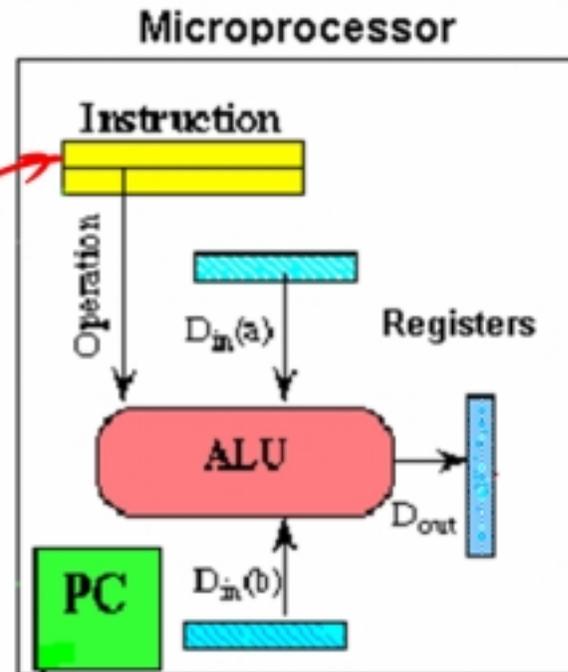
Power Point with Pen Annotation 6

- Choosing ink color

Computer Architecture

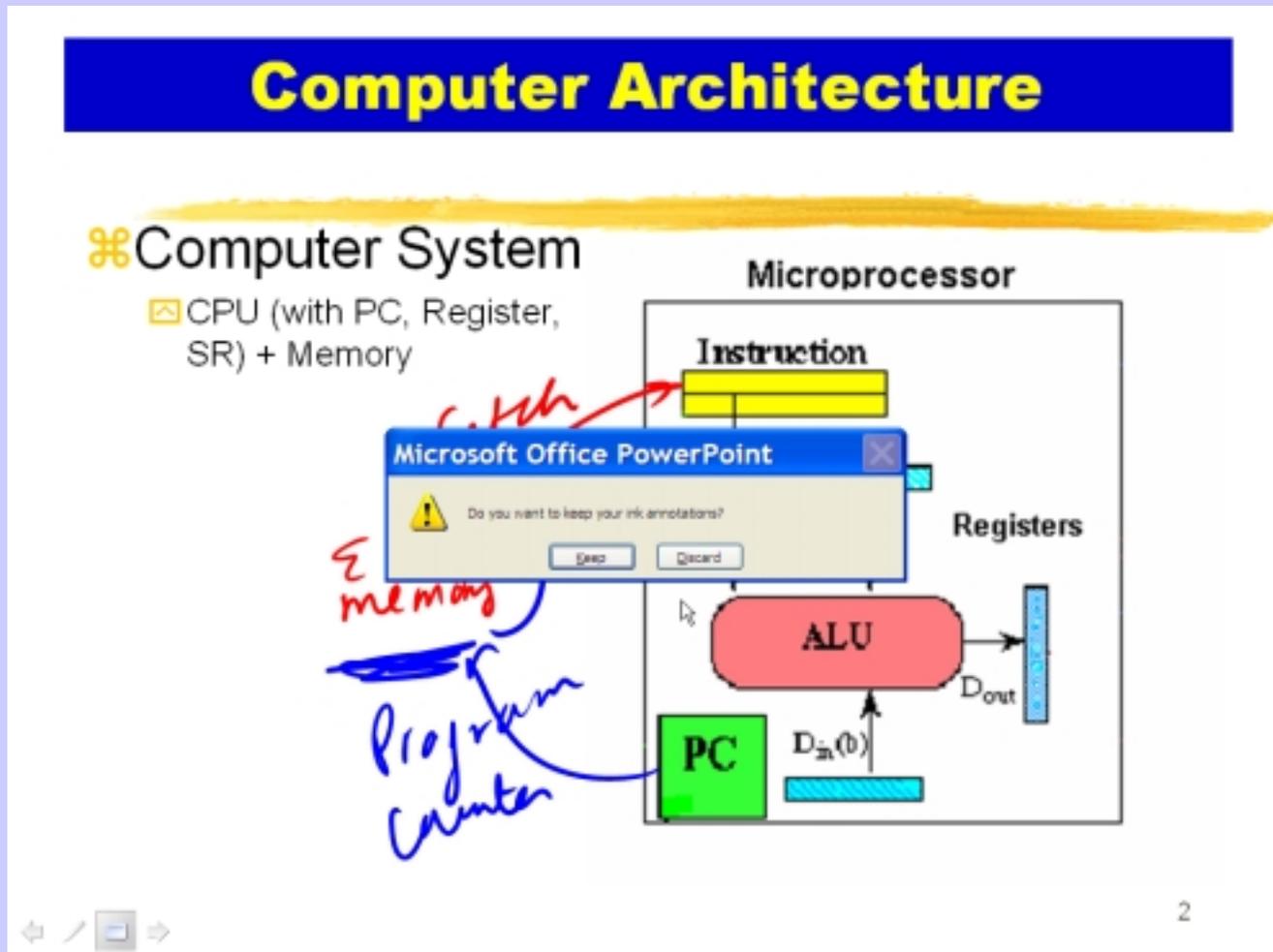
Computer System

- ☑ CPU (with PC, Register, SR) + Memory



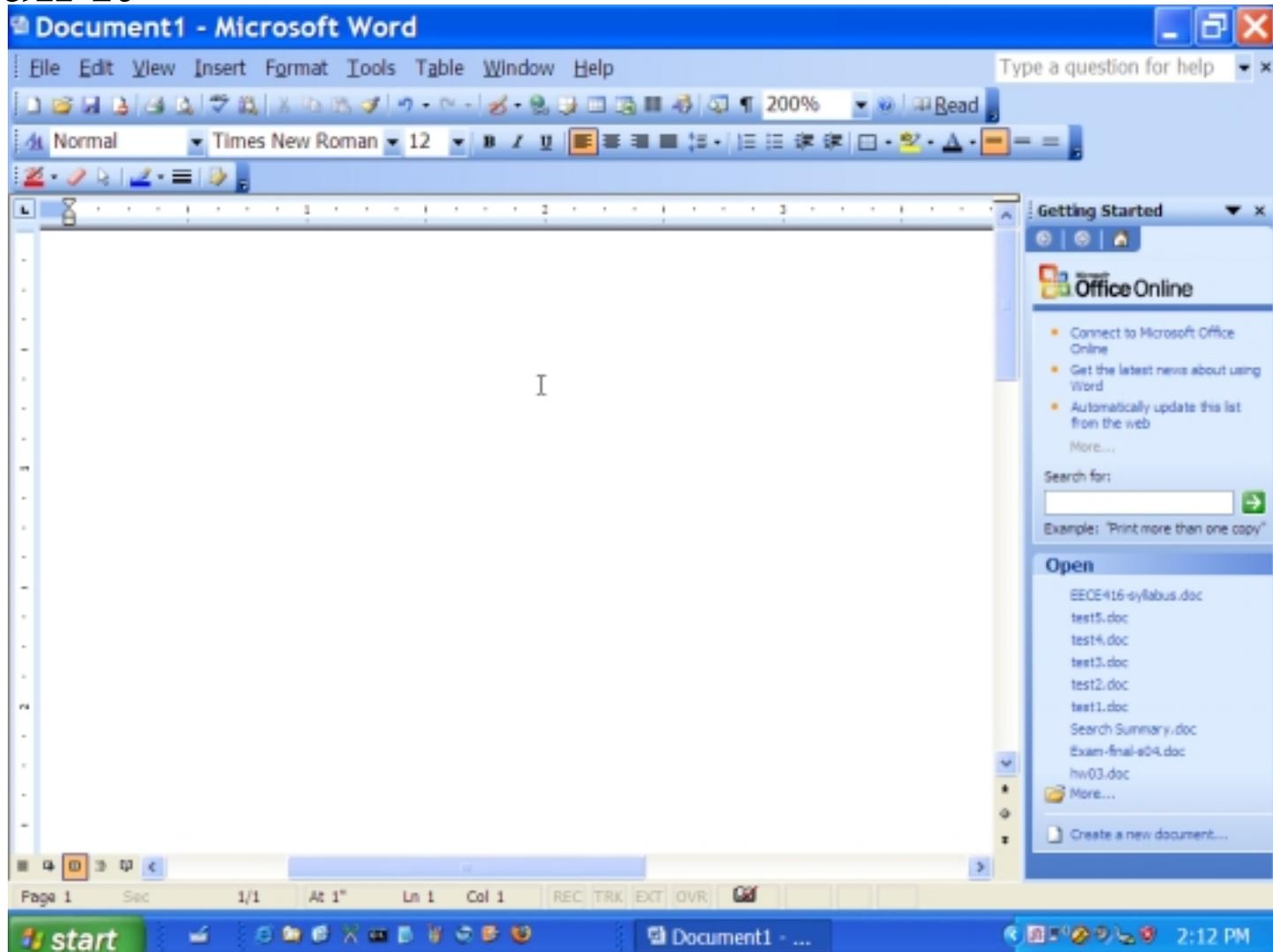
Power Point with Pen Annotation 7

- At the end of the show, save or not the ink annotation

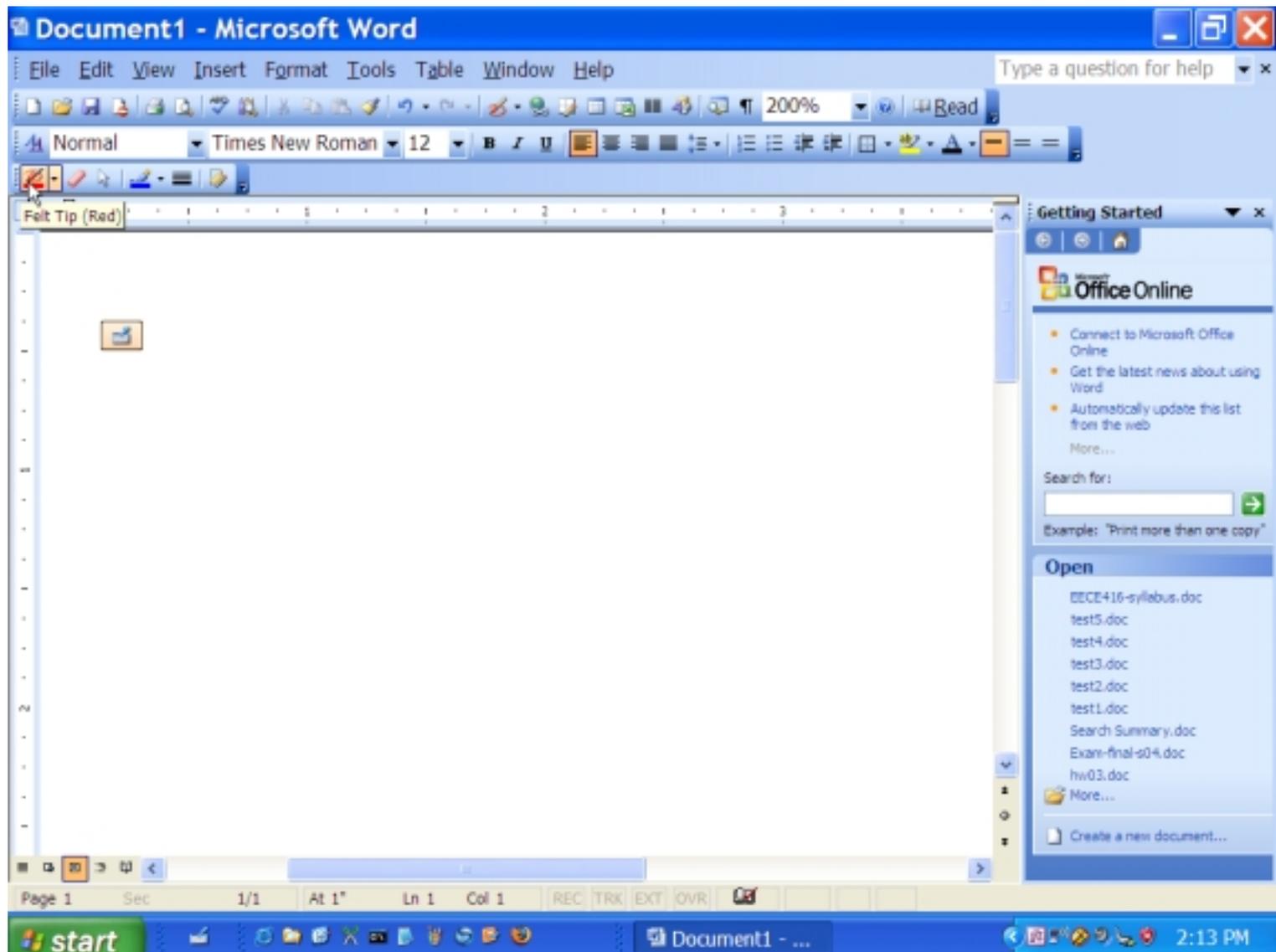


Microsoft Word with Pen

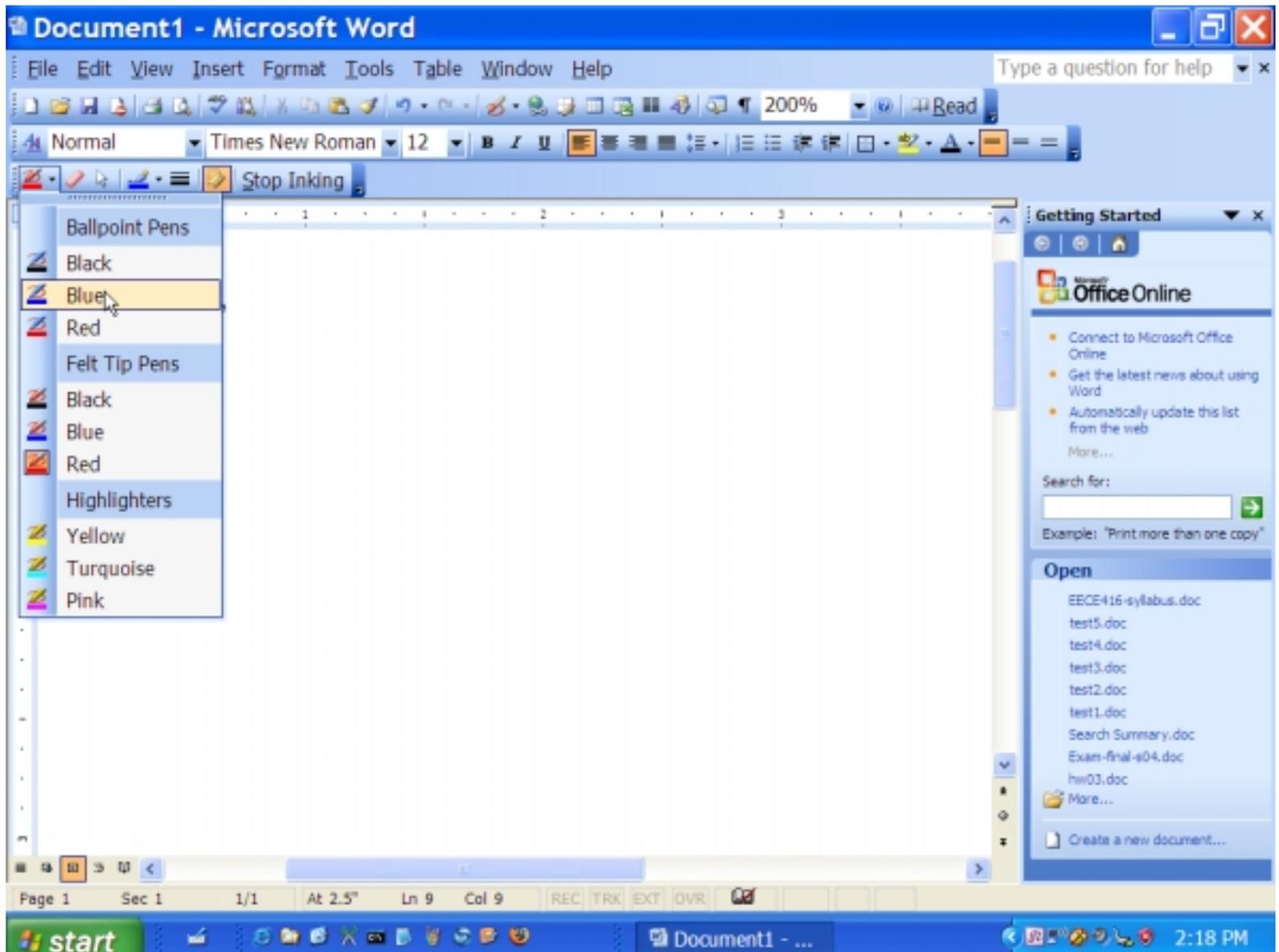
- Run it



MS Word



MS Word



MS Word

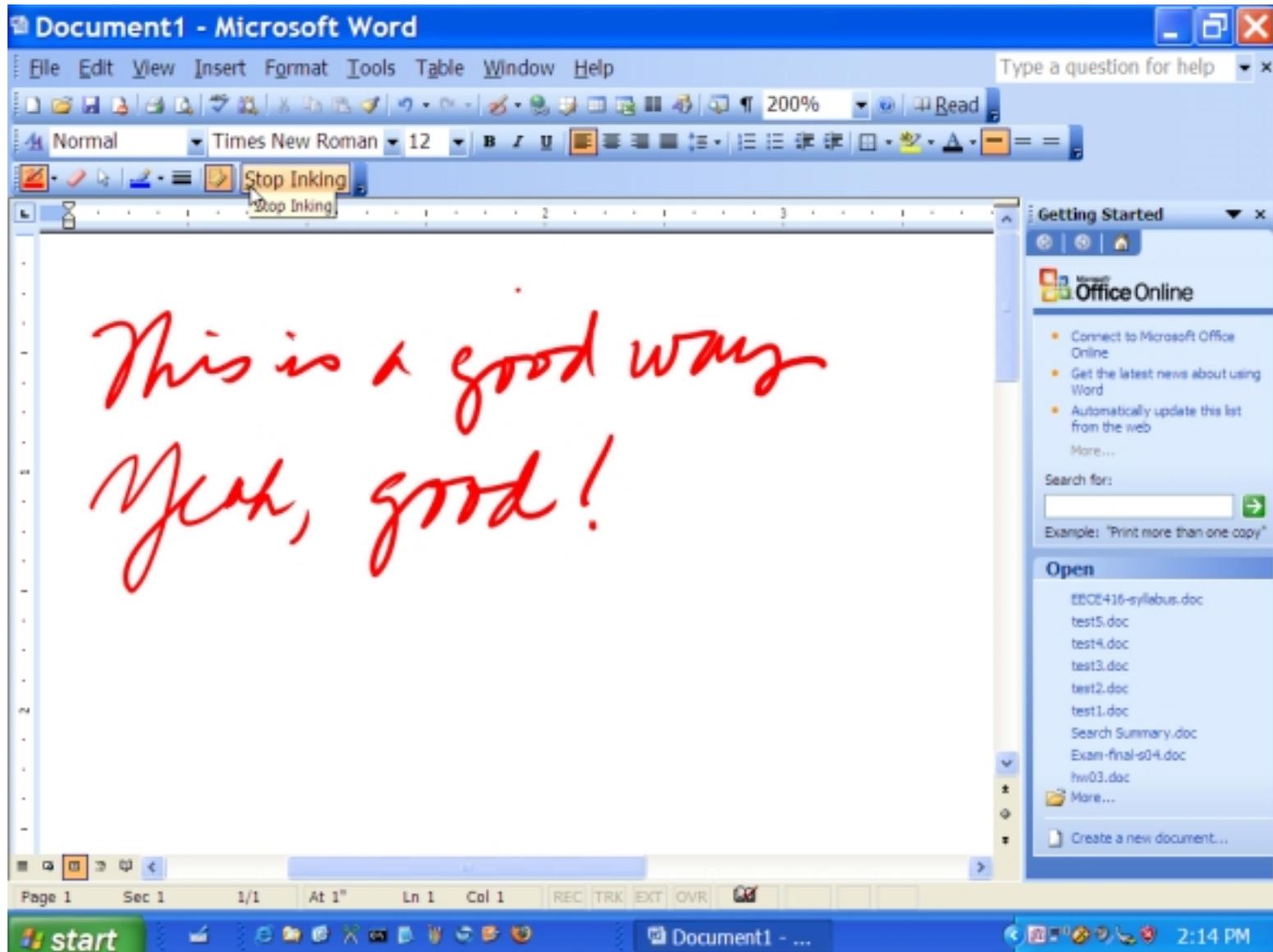
The screenshot displays the Microsoft Word 2010 interface. The title bar reads "Document1 - Microsoft Word". The menu bar includes File, Edit, View, Insert, Format, Tools, Table, Window, and Help. The ribbon is set to the "Home" tab, showing the Font group with "Normal" selected, "Times New Roman" font, and size "12". The status bar at the bottom indicates "Page 1", "Sec 1/1", "At 1.1\"", "Ln 2", "Col 1", and "REC TRK EXT OVR". The Windows taskbar at the bottom shows the Start button, several application icons, and the system tray with the time "2:14 PM".

The main document area contains handwritten text in red ink:

This is a good way
Yeah, good!

On the right side, the "Getting Started" task pane is visible, featuring the "Microsoft Office Online" section with a list of actions: "Connect to Microsoft Office Online", "Get the latest news about using Word", and "Automatically update this list from the web". Below this is a search box and a list of recent documents under the "Open" section, including "EECE416-syllabus.doc", "test5.doc", "test4.doc", "test3.doc", "test2.doc", "test1.doc", "Search Summary.doc", "Exam-final-s04.doc", and "hw03.doc".

MS Word



MS Word

The screenshot displays the Microsoft Word 2007 interface. The title bar reads "Document1 - Microsoft Word". The menu bar includes "File", "Edit", "View", "Insert", "Format", "Tools", "Table", "Window", and "Help". The ribbon shows the "Normal" style, "Times New Roman" font, and size "12". The status bar at the bottom indicates "Page 1", "Sec 1", "1/1", "At 2.9\"", "Ln 11", "Col 14", "REC", "TRK", "EXT", "OVR", and "2:17 PM".

The main document area contains the following text:

*This is a good way
good! Yeah,*

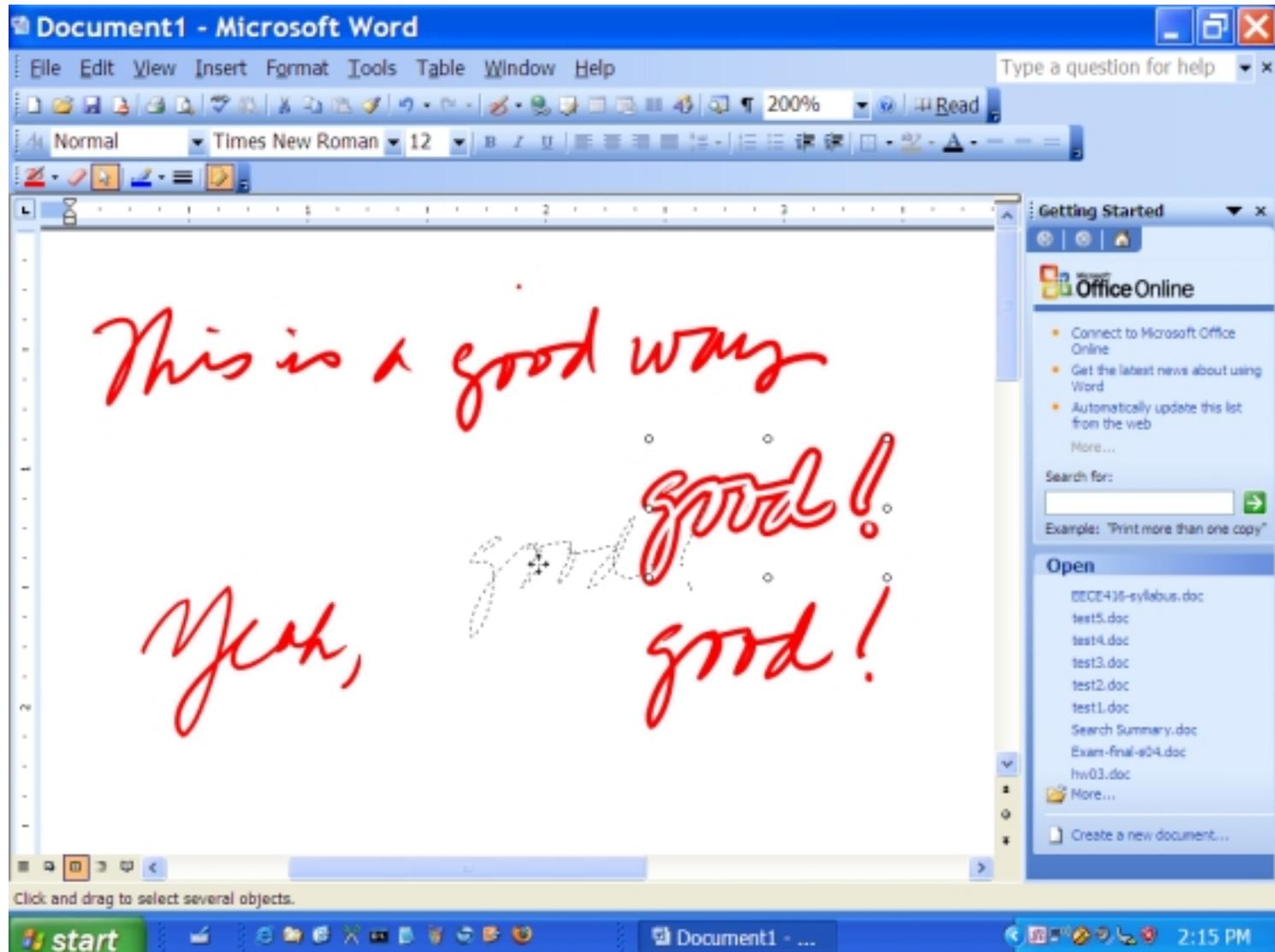
THIS IS GOOD!

good!

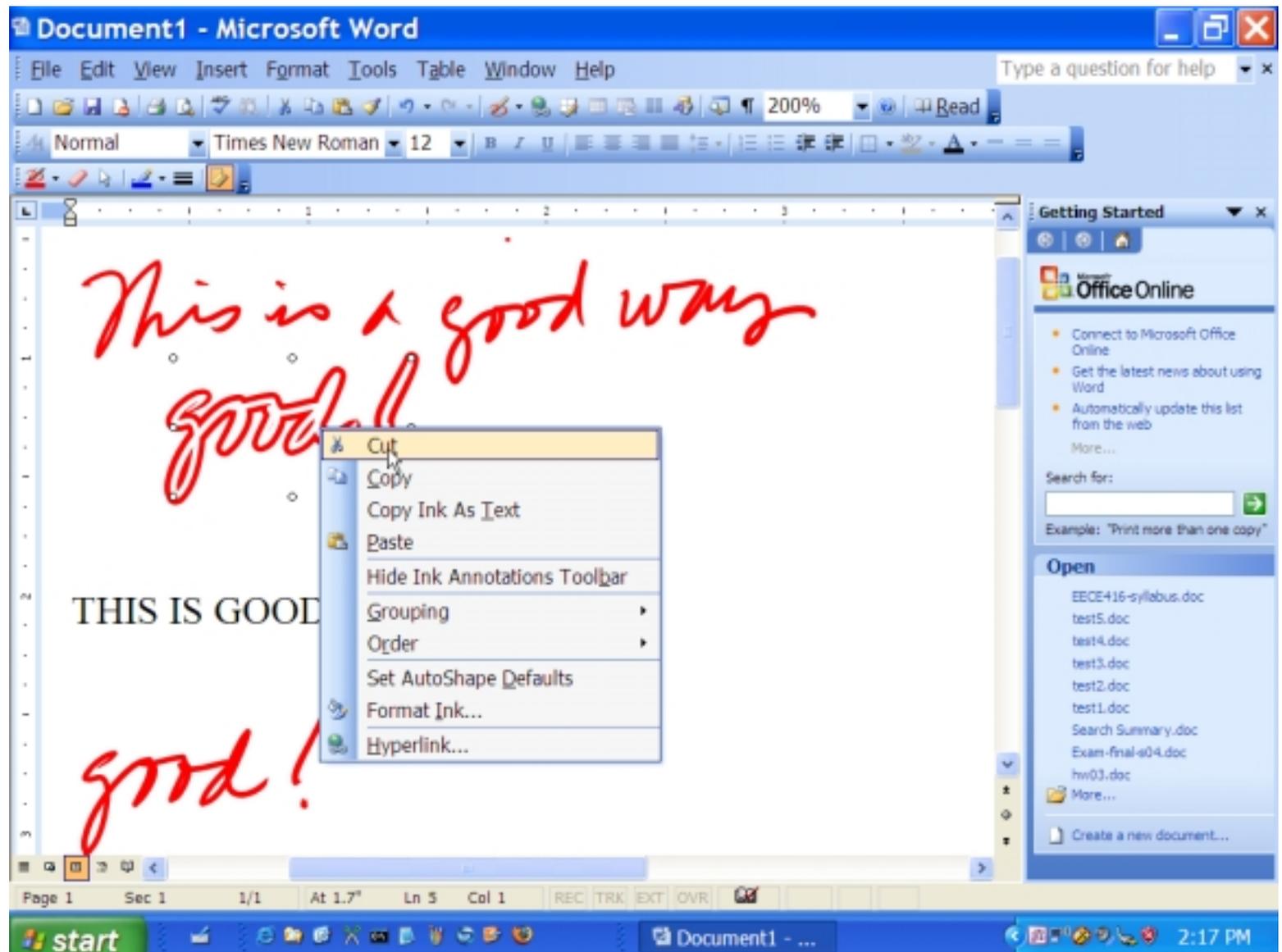
The right-hand side features a "Getting Started" task pane with the "Office Online" section. It includes a search bar and a list of documents under the "Open" heading:

- EECE416-syllabus.doc
- test5.doc
- test4.doc
- test3.doc
- test2.doc
- test1.doc
- Search Summary.doc
- Exam-final-s04.doc
- hw03.doc
- More...
- Create a new document...

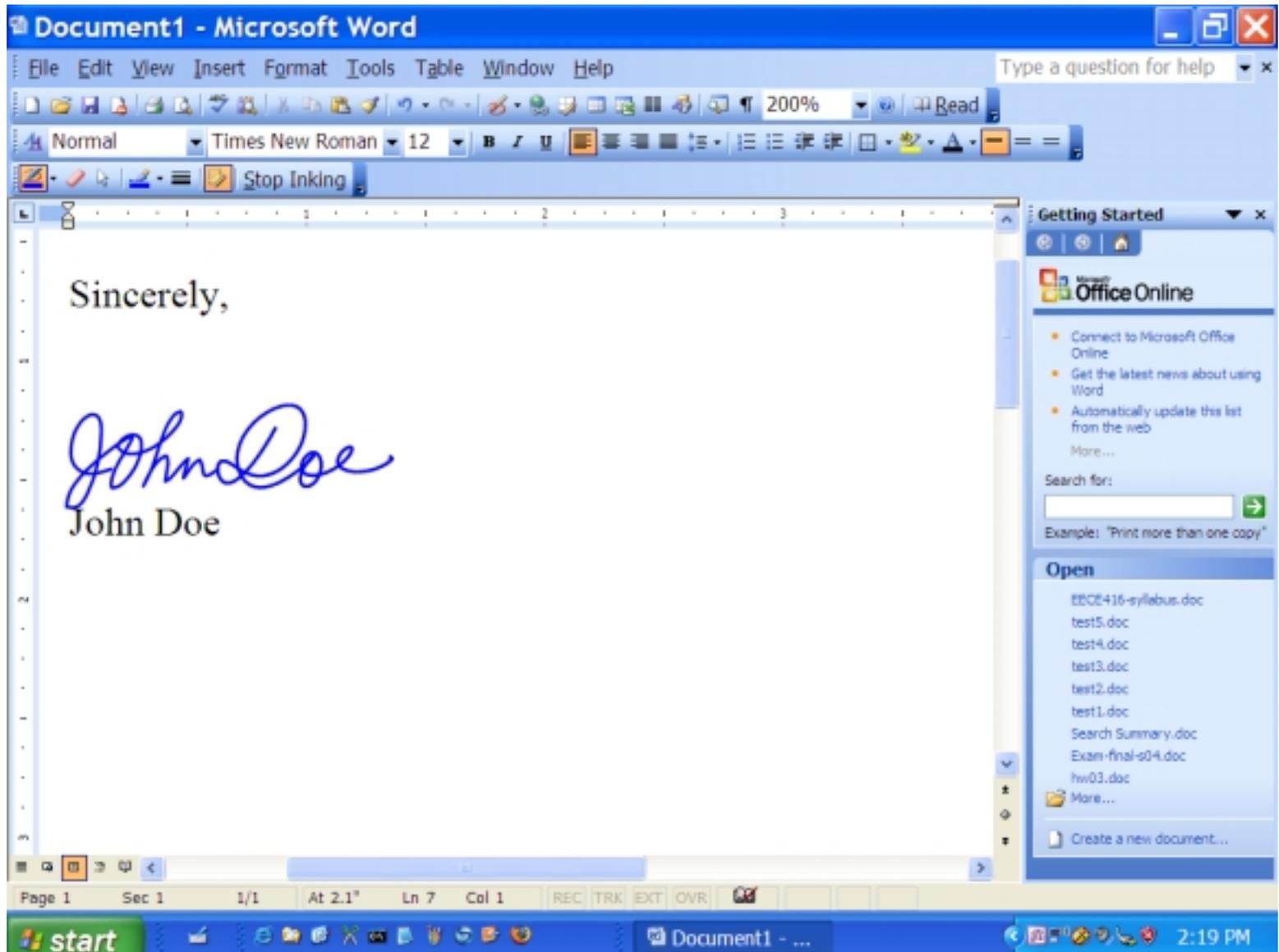
MS Word



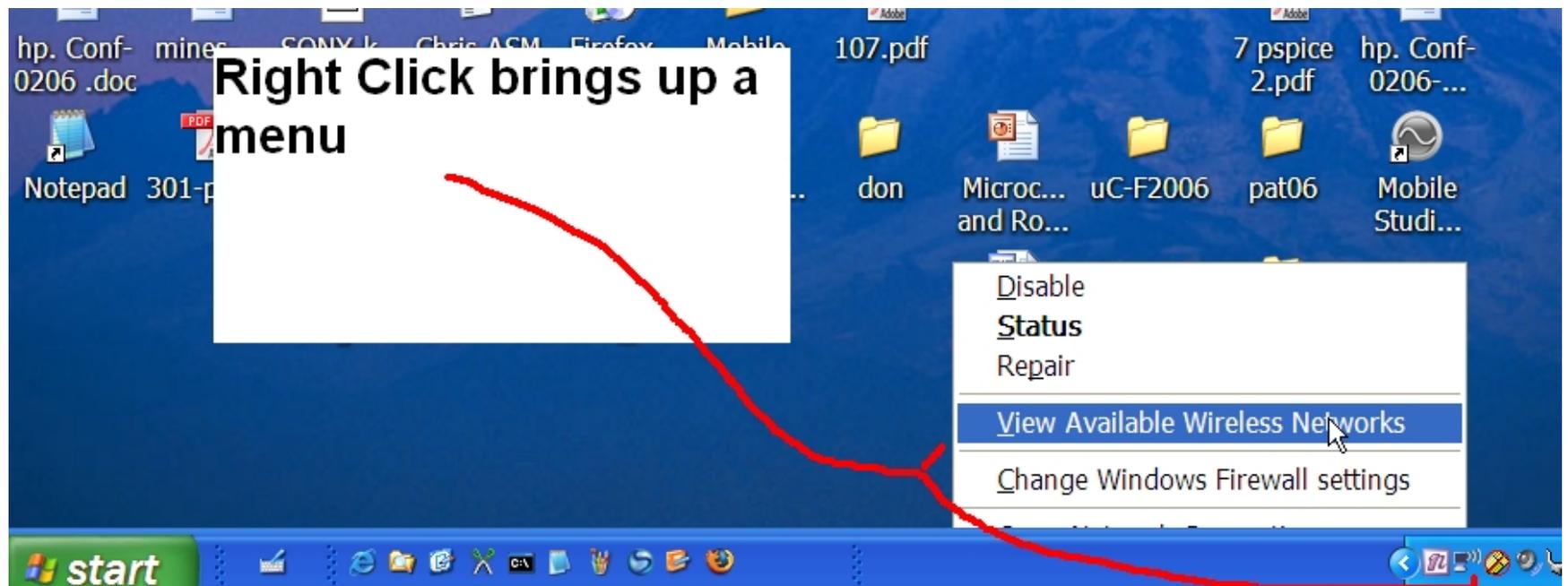
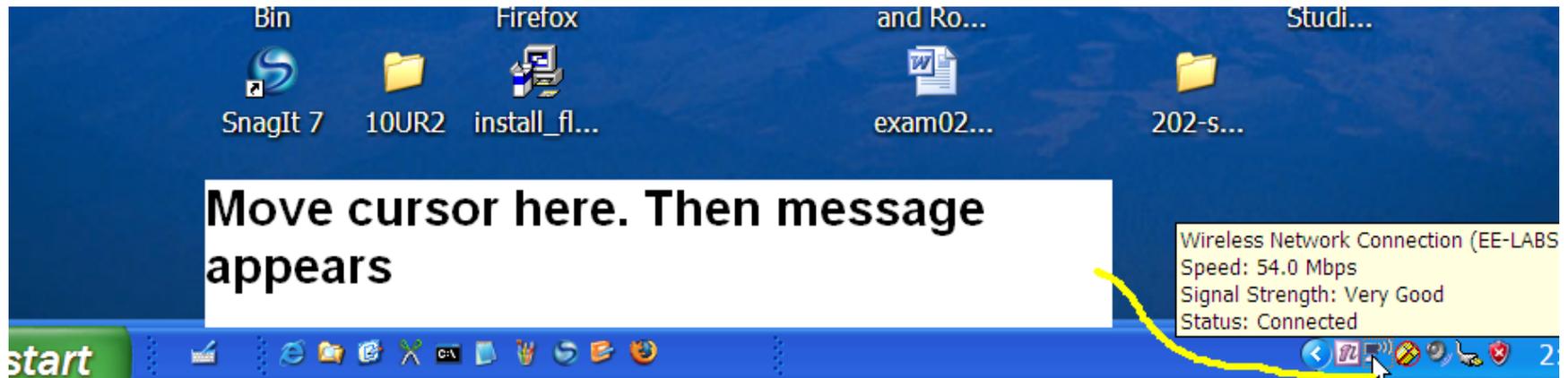
MS Word



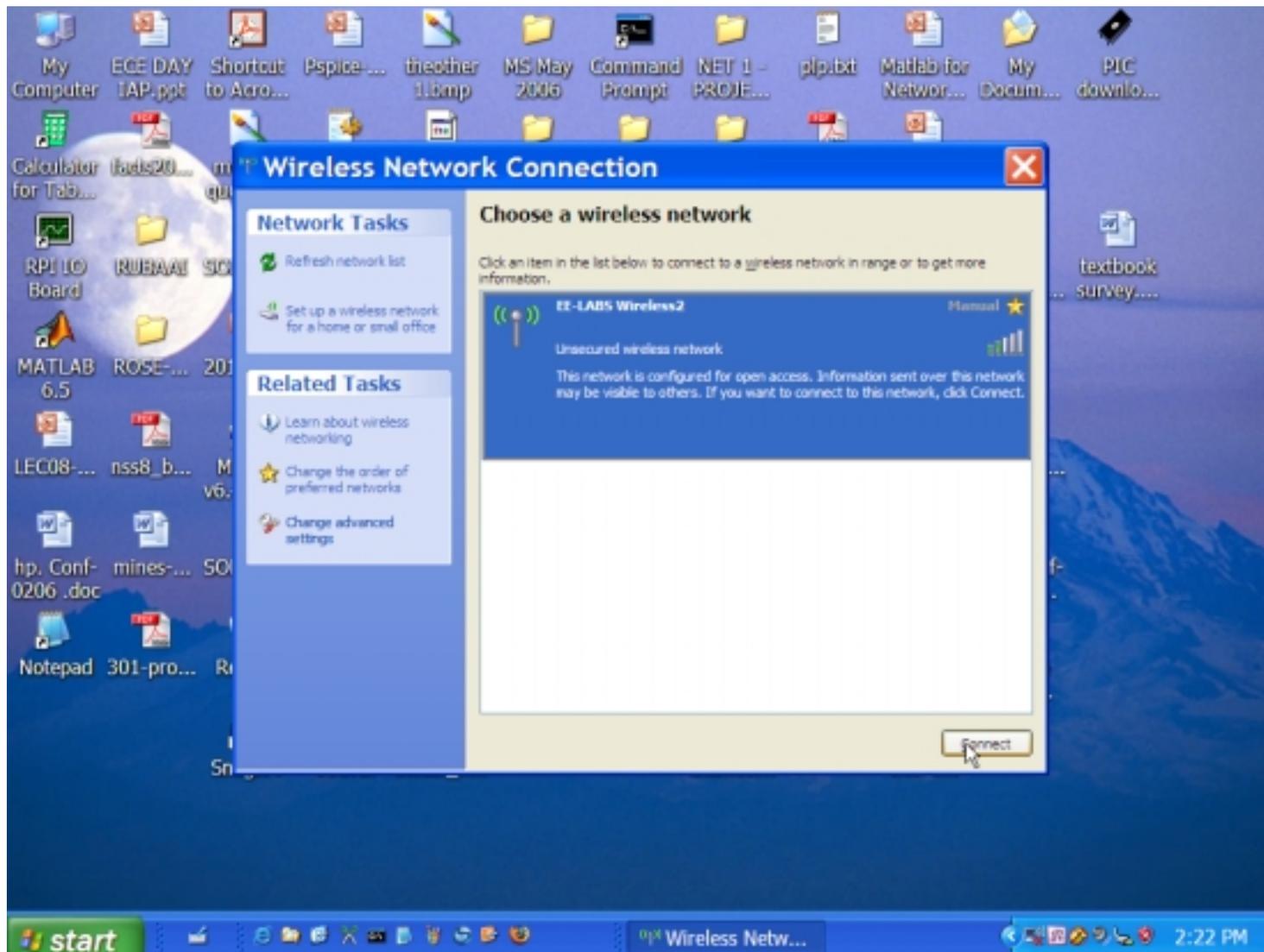
MS Word



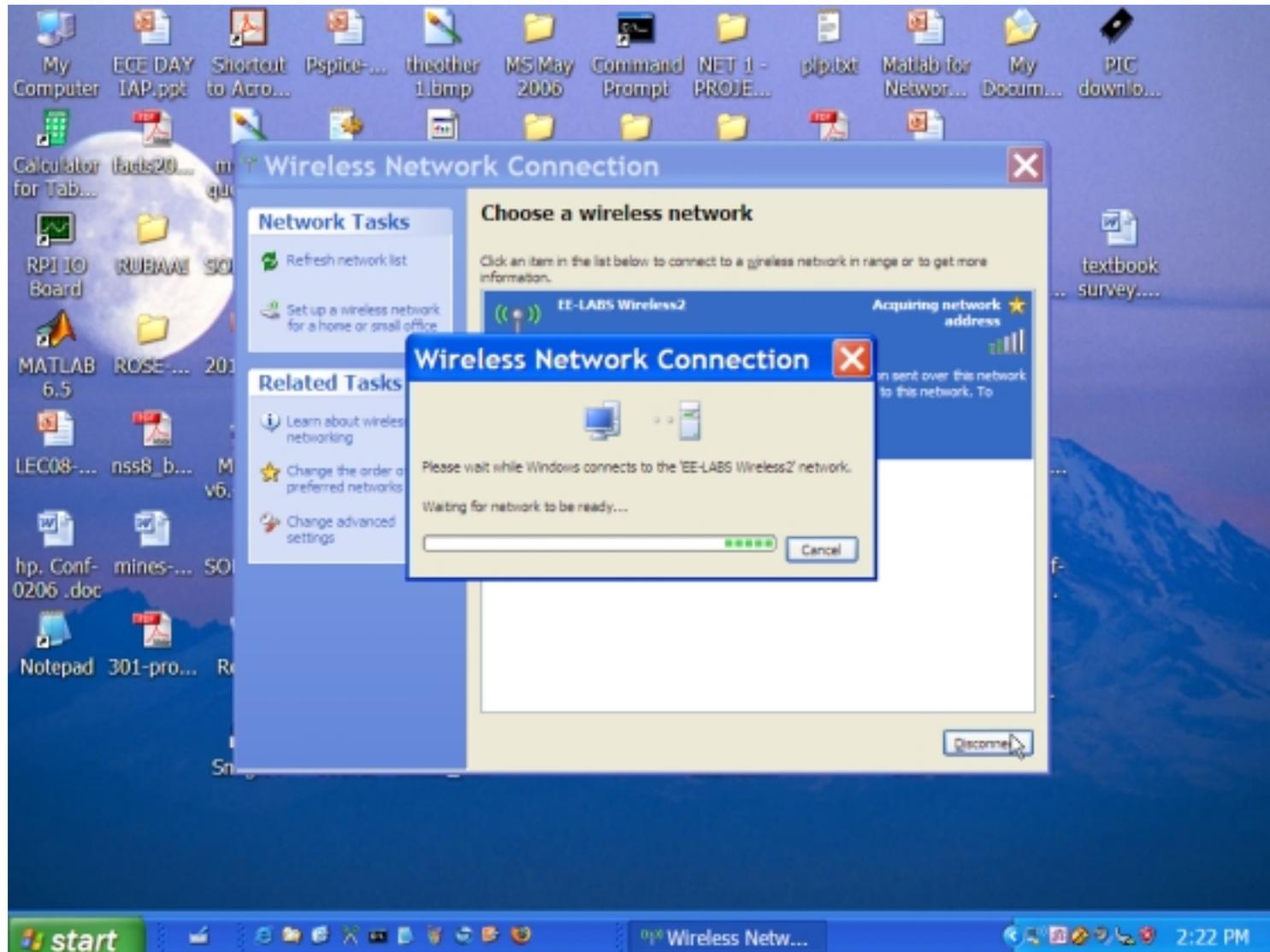
Wireless Internet Access



Wireless Internet Access



Wireless Internet Access



- Now click a browser for Internet access