

**Lecture Notes**  
**Personal Computer History**  
**4 September 2012**  
**Tuesday**

**Altair 8800**

- \$395
- 256 bytes memory
- Input -- switches – binary (machine) code
- Output – binary lights
- 1975

**Apple II**

- \$1300
- 4KB RAM
- Floppy disk drive
- O/S stored in ROM
- 1977

**Comjmodore PET 2001**

- \$595
- 1977

**Tandy RadioShack TRS-80**

- \$595
- 4 KB RAM
- Monochrome display
- 1977

**Osborne**

- \$1795
- 24.5 lbs
- 64 KB memory
- Floppy disk drives- 2
- word processing
- spreadsheet
- 1981

**IBM PC**

- 64KB RAM – 256KB RAM
- \$1565
- 1981

**Lisa**

- 1983

**Macintosh**

- 1984

FORTRAN  
ALGOL  
COBOL



1950-1960

BASIC 1964

**Operating Systems**

- IBM OS/360
- CDC SCOPE
- CDC COS -- [Chippewa Operating System](#)
- CDC [Kronos](#)
- CDC [NOS](#) – Network Operating System
- Apple DOS
- Digital Research CP/M
- Microsoft MS-DOS

**Spreadsheets**

- VisiCalc
- Lotus 1-2-3
- Excel

**Word Processing Software**

- WordStar
- WordPerfect
- MSWord

**Xerox Palo Alto Research Center (PARC)**

- WYSIWYG – word processing
- File Management System
  - Directories
  - Folders
- Graphical User Interface (GUI)
  - Windows
  - Drop-Down Menus
  - Icons
- Mouse

**Internet Browsers**

- Mosaic – 1993
- Netscape – 1994
- Internet Explorer -- 1995