💻 Introduction to Computers - Lesson 1

🖥 Computer Components

Hardware (Physical parts)

- 🧠 CPU: Brain of computer, processes instructions
- 🎛 RAM: Temporary memory for running programs
- 🗄 Storage (HDD/SSD): Permanent file storage
- ⌨️ Input devices: Keyboard, mouse
- 🖥 Output devices: Monitor, speakers
- 🔀 Motherboard: Connects all components

🗔 Operating Systems

Software that manages hardware and runs programs

- ⊞ Windows
- 🍎 macOS
- 🐧 Linux

Key Functions:

- File management

- Program execution

- Resource management

- User interface

📂 File Management

File System Organization:

- Files: Documents, images, programs

- Folders: Containers for files

- Directory structure: Root → folders → subfolders

Basic Operations:

- Create new files/folders

- Copy/Cut/Paste

- Delete/Recover

- Rename

- Move files between folders

⚙️ Basic Computer Operations

Power Operations:

- ⏻ Start up

- ⟳ Restart

- ☾ Sleep/Hibernate

- ⊗ Shut down

💡 Practical Skills

- **Mouse Control:** Left click (Select), Right click (Options), Double click (Open)
- **Keyboard Shortcuts:** Copy (Ctrl+C), Paste (Ctrl+V)
- **Basic Troubleshooting:** Task Manager, Force quit, Storage check