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Computer Science - Mr. Gigabyte  
Lesson: Operating Systems  
If lost please return to locker #123.

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### **Operating Systems**

- Create an Environment to Run Programs
  - Kernels
    - Contains Common Tasks Programs Can Execute
    - Makes Up the Operating System
  - Support for Common Programming Languages
- Simplify Computer Use
  - Easy to Use GUI
    - The "look" of the operating system
    - Is what programs call to create windows, etc.
  - Provide Quick Access to Programs and Files
    - Start Menu (Windows)
    - Dock (Mac)
    - Desktop (Windows, Mac, etc.)
- Create Platform that is Compatible with Applications
  - Common Commands to Run Common Tasks
    - Mostly Uses DLL's to accomplish common tasks

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### **Definitions**

- Kernel -
- GUI - Graphical User Interface
- Desktop - The screen that contains icons and other shortcuts to programs and/or files.
- DLL - Data Link Library

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### **Summary**

- Discusses Basics of Operating Systems
- Learned about Kernels
- Learned About the GUI