

CS100 : CPADS

Basic Input/Output System

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What is the BIOS?

- **BIOS - Basic Input/Output System**
- **Software built into the motherboard of your computer**
 - Performs the **POST** (Power-On Self Test) when system starts
 - Identifies and initializes system devices
 - e.g. CPU, memory, video card, disk drives, keyboard, mouse, etc.
 - Starts booting your operating system (if you have one)
- **Provides an interface for a user to configure system devices**

Why Enter the BIOS?

- **Set the system time**
- **Enable/disable onboard devices**
 - Motherboards have many built-in components that you may or may not want to use
 - e.g. onboard graphics, onboard LAN controller, etc.
- **Set the order of available boot devices**
- **Set a BIOS password**
- **Look at system info**
 - Bios provides information on the CPU, memory and other components connected to the motherboard
- **Overclock your system**

Flashing BIOS

- **Update the BIOS**
 - Not recommended unless your BIOS is currently having problems
- **BIOS is software, software requires updates**
 - Bug fixes
 - Add support for new hardware such as new CPUs