

# AP Computer Science Mr Hanley

[The Hood](#)

Computer Components

Ver: 2.01

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## Assignment 1: Computer Hardware Components, LAN's, WAN's and Mainframes

**Binary**



**Ones Comp**



**Twos Comp**



**Create a Powerpoint/Google Slides about computer systems**

**Computer Systems have evolved over the years.**

**In your presentation, describe what a mainframe computer is, what a LAN is and what a WAN is, what a mainframe is.**

**Also, describe the components of a personal computer. What are the main components that make up a computer? What is their purpose?**

**Use a hierarchy and main menu page for your slideshow**

**Perhaps**

**i. Menu**

**1. Mainframe**

- a. Describe what a mainframe is**
- b. Describe examples of who uses mainframes**
- c. Give examples of at least 3 manufacturers of mainframes historically**

**2. LAN**

- a. What makes up a LAN**
- b. What is the difference between a wireless LAN and wired LAN?**
- c. What determines the difference between computers on a LAN?**
- d. What is a MAC address and where do they come from?**

**3. WAN**

- a. What the heck is a WAN?**
- b. Who makes equipment to connect your LAN to a WAN?**

**c. How expensive are these bad boys??**

**4. Personal Computers**

**a. What is a personal computer?**

**b. What are the components that make up a computer?**

**c. Where did the QWERTY key layout come from?**

**d. What role do PC's play in a business or institution**

**e. What is linux?**

**NOTE: Suggested Slide Format**

**Main Slide has links as follows;**

**1. MainFrame**

**2. LANS**

**3. WANS**

**4. Personal Computers**

**5. Exit**

**Each Slide for the sections has a link at bottom back to title slide**

**Provide a “rick roll” secret feature for fun**



# RUBRIC



Covers Topics	15
Gives Examples of at least 3 mainframe manufacturers	5
Quality Images	5
Has non linear navigation with menu	10
QWERTY Keyboard layout	5
MAC address description	5
Wireless VS Wired LAN	5
<b>TOTAL</b>	<b>50</b>

