Lab Report

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Your Performance

Your Score: 0 of 1 (0%)   Pass Status: Not Passed

Elapsed Time: 3 minutes 37 seconds   Required Score: 100%

Task Summary

Actions you were required to perform:

❌ Install all working memory in the computerHide Details

> 🟥 All four DIMMs recognized by the BIOS (8192)
> 🟥 Correct DIMMs installed in the computer
> > 🟥 Place DIMM1 on the Shelf
> > ➕ Leave DIMM2 in the computer
> > ➕ Leave DIMM3 in the computer
> > 🟥 Place DIMM4 on the Shelf
> > 🟥 Install DIMM5 in the computer
> > 🟥 Install DIMM6 in the computer

Explanation

In this lab, your task is to diagnose and correct the problem as follows:

- Identify which memory modules are working. Use information available in the BIOS to identify working modules. The computer will not boot with non-working modules.
- Configure the computer so that all working modules are installed. If you have multiple working modules, install them to maximize memory usage using the recommended memory configurations for the motherboard.
- Place any non-working memory modules on the Shelf.
- Start the computer to verify that all installed memory is detected in the BIOS.

Complete this lab as follows:

1. Identify which memory modules are working as follows:
    a. Above the computer, select **Motherboard** to switch to the motherboard.
    b. Remove all memory modules from the computer but one and place the modules on the Shelf.
    c. Above the computer, select **Front** to switch to the front view of the computer.
    d. On the computer, select the **power** button on the front of the computer.

    - If the computer boots and recognizes the memory, the module is good.
    - If the computer does not boot, the module is bad.

    e. From the top navigation menu, select **Bench** to return to the hardware.
    f. On the computer, select the **power** button to turn the computer off.
    g. Above the computer, select **Motherboard** to switch to the motherboard.
    h. Drag the **memory module** to the Shelf.
    i. From the Shelf, drag an untested *memory module* to a slot on the motherboard.
    j. Repeat steps 1c–1h to test all remaining modules.

2. Drag the working *memory modules* from the Shelf to the correct color slots on the motherboards.
3. Boot into the BIOS and verify that all installed modules are recognized by the BIOS as follows:
    a. Above the computer, select **Front** to switch to the front view of the computer.
    b. On the computer, select the **power** button on the front of the computer.
    c. When the BIOS loading window appears, press **F2** to enter the BIOS.