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| *2023* |
| LAB 3 |
| Tyler Burleson |
| 1/31/2023 |
| Mr. loveday – PC Setup and Maintenance |
| East Tennessee State University |

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Purpose:

The main goal for this lab was to install DDR3 ram into a motherboard.

Materials:

* 2 sticks of DDR3 RAM
* Anti-Static wrist band
* Lab machine ready for RAM installation

Procedures and Results:

The purpose of this lab was to install 2 sticks of DDR3 RAM into a Dell workstation after the second lab where we had just installed a CPU and heatsink. The results for this lab were fairly simple since I had experience in the past installing several kinds of RAM into different machines.

We started this lab by grounding ourselves to the chassis with our Anti-static wrist bands. Once we were secured to the edge we analyzed our materials to check that we had everything and our station was clean for the installation. We glanced over our DDR3 RAM and ensured every pin was in a satisfactory condition before we continued checking the slots on the workstation.

We started by lowering the latches for the RAM on both sides of the white sections. Once these were lowered, we carefully picked up the RAM and lined the pins up with the sections. From there we double checked the orientation and applied light pressure to one side until the clip popped into place. Next, we pushed the other side until that white clip also popped into place. We had completed installing the first stick. Now we copied the same technique with the other stick until we noticed that one of the clips was loose. We took it out and attempted installing again and realized that the side clip was just messed up. We had our station checked off even with the malfunctioning clip and completed the lab by removing the sticks and setting them back in place for the next class.

Data or Observations:

* Never found out how much memory each stick of RAM was.
* One of the white clips in the machine was loose and didn’t fully latch.