

a. Summarize what you have gained from PC assembly:

The PC assembly lab provided a hands-on experience that went beyond the physical disassembly of a computer. It offered a profound insight into the intricate world of hardware components and their interconnectedness. Opening the computer case revealed a labyrinth of components, each with a crucial role in powering our digital lives. The process of disconnecting cables, removing the power supply, RAM, HDD, and CPU fan emphasized the fragility of these components and the importance of careful handling. This experience deepened my appreciation for the role each part plays in the overall functionality of a computer, from the power supply as the machine's heart to the CPU fan as its protective brain.

b. Suggest any improvement:

While the PC assembly lab was informative and enriching, there is always room for improvement. One suggestion is to incorporate a more detailed discussion or demonstration of the current trends in hardware technology. This could include information on the latest advancements in components, emerging technologies, or considerations for future upgrades. Additionally, providing more context on the practical applications of the disassembled components and how they contribute to overall system performance could enhance the educational value of the lab.

c. Others – Reflection based on opinion, idea, and creativity:

The PC assembly lab not only taught me about the physical aspects of computer disassembly but also sparked reflections on the broader implications of technology. It made me contemplate the environmental impact of hardware disposal and the need for sustainable practices in the tech industry. Furthermore, the evolution of hard drives from clunky devices to sleek units prompted thoughts on the rapid pace of technological advancements and the importance of staying informed in this dynamic field. This experience has inspired me to explore the intersection of technology and environmental sustainability, considering how innovations in hardware can be aligned with eco-friendly practices. Overall, the lab was not just a technical exercise but a catalyst for broader reflections on the role of technology in our lives and its impact on the world.