

1. Reflection on Personal Computer Assembly Lab

Starting the process of putting together a personal computer was a fascinating experience that gave me plenty of knowledge about the various parts of a computer, their functions, and where they fit into the overall setup. My knowledge of the inner workings of a computer has been greatly expanded by the lab, which covered components like the power supply, random-access memory, hard disc, central processing unit fan, and more.

1.1 Skill Improved: Problem Solving

Apart from offering technical knowledge, the assembly process functioned as a place to refine my problem-solving abilities. When faced with challenges, I noticed that I needed to pay close attention to detail and use a systematic thought process in order to recognise and resolve problems. This part of the task gave me confidence in my ability to overcome technical obstacles in addition to improving my troubleshooting skills.

1.2 Skill Improved: Team Working

Additionally, the assembly's collaborative atmosphere helped me grow my teamwork abilities. Working together on the disassembly and reassembly process with peers including Cheng Jia Yi, Choh Jing Yi, Muhammad Rosyid Ridho Indrianto, and Nur Ayuni Binti Noor Azman highlighted how crucial it is to have clear communication, assign tasks effectively, and support one another. This cooperative work demonstrated the value of cooperating to accomplish a common goal.

2. Suggestions for improvements

Reflecting on the experience, I suggest the inclusion of a comprehensive instruction manual. This guidebook could include labelled diagrams, detailed instructions, and solving advice, serving as a helpful tool to make the process easier and less difficult for students—especially those who are unfamiliar with the technical aspects of computer assembly.

3. Conclusion and future endeavours

To sum up, the experience of assembling a personal computer has improved my understanding of hardware, sharpened my problem-solving abilities, and strengthened my teamwork abilities. This practical experience has inspired me to further improve my knowledge and skills in computer hardware and software.