

Report on Awareness Class for Installing LINUX Operating System

On 5-2-2024, an awareness class was conducted for the students of the fourth semester during the lab session to educate them on the installation and initial setup of the LINUX operating system. The session aimed to provide students with the necessary knowledge and skills to independently install and configure LINUX on their personal computers, fostering a deeper understanding of operating systems and encouraging the use of open-source software.

The class began with an introduction to LINUX, where students were acquainted with its various distributions such as Ubuntu, Fedora, and Debian. The benefits of using LINUX, including its security, customization options, and cost-effectiveness, were highlighted. A comparison with other operating systems like Windows and macOS was also provided to give students a broader perspective. The next section focused on the preparation required for installation media. This included checking hardware requirements and compatibility and backing up existing data.

Following this, a detailed, step-by-step guide to the installation process was presented. Emphasis was placed on partitioning the hard drive, whether through automatic or manual methods, and setting up user accounts and system settings.

Post-installation configuration was another critical aspect discussed. This included running initial system updates using commands like `sudo apt update` and `sudo apt upgrade`, and installing essential software packages. An introduction to the terminal and basic LINUX commands provided students with the foundational skills needed to manage their new operating system effectively.

The feedback from students was overwhelmingly positive, with many expressing newfound confidence in installing and using LINUX. The session sparked increased interest in exploring open-source software and contributing to LINUX communities. Plans are now in place to conduct follow-up sessions focusing on advanced LINUX usage and administration.

In conclusion, the awareness class successfully equipped students with the fundamental skills required to install and configure LINUX operating systems. By fostering a practical understanding of LINUX, the session has encouraged students to explore the vast potential of open-source software, paving the way for enhanced technical proficiency and innovation in their future academic and professional endeavors.

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This report encapsulates the awareness class on installing LINUX, reflecting the content and structure of the session, and aims to support students in their ongoing learning journey.



