# CYB 230 Module Two Lab Worksheet

Complete this worksheet by replacing the bracketed phrases in the Response column with the relevant information.

## Lab: Ubuntu Desktop Linux Installation

| **Prompt** | **Response** |
| --- | --- |
| In the lab section “Install Ubuntu Using a Custom Hard Disk Layout,” use your name for the user information when creating a new user and provide a screenshot of the output before clicking **Continue**. | A screenshot of a computer  Description automatically generated |
| In the lab section “Installing Patches With the Ubuntu Software Updater,” provide a screenshot of the **Authentication step that includes your username**. | A screenshot of a computer  Description automatically generated |
| What is the importance of keeping an operating system patched and up-to-date? | Keeping an operating system updated is essential for several reasons. It enhances security by patching vulnerabilities that hackers could exploit. Updates also improve system stability by fixing bugs, ensuring compatibility with new hardware and software, and often introducing new features. Additionally, for businesses, maintaining an updated system is crucial for compliance with security standards and ensures ongoing support from manufacturers. |

## Lab: Disk Maintenance and Data Recovery

| **Prompt** | **Response** |
| --- | --- |
| In the lab section “Backing Up and Restoring Data,” provide a screenshot of the ending output. | A computer screen shot of a computer  Description automatically generated |
| In the industry, desktops are typically cloned, and images are used on multiple PCs. Explain how using the restore point utility can help with the rebuilding and testing of PCs. | The restore point utility is helpful in industries where the same computer setup is copied onto many PCs. It allows you to quickly go back to a previous, stable version of the computer's system if problems occur during updates or testing. This can save time and keep all the computers working the same way. |

## Lab: Patching, Securing Systems, and Configuring Host-Based Firewall

| **Prompt** | **Response** |
| --- | --- |
| In the lab section “Closing Unnecessary Ports,” insert your name at the command line below the ending output and include it in your screenshot. | A computer screen shot of a program  Description automatically generated |
| In the lab section “Exploitation and Patching,” insert your name at the command line below the ending output and include it in your screenshot. | A computer screen shot of a black screen  Description automatically generated |
| Explain why it is important to close ports that are not being used within a computer system. | Closing ports that are not used in a computer system is essential because it reduces the risk of unauthorized access and cyber-attacks. Unused open ports can serve as entry points for hackers, so closing them helps to secure the system. |