# CYB 230 Module Five Lab Worksheet

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

## Lab: Managing Filesystem Quotas

| **Prompt** | **Response** |
| --- | --- |
| In the lab section “Reporting Quota Usage,” provide a screenshot of the output of the **repquota** command. Insert your name at the command line below the output and include it in your screenshot. | A screenshot of a computer  Description automatically generated |
| Disk quotas are used by administrators to set up or deliver preemptive notifications. What are some of the automated events that could be set up to be triggered by disk quota management? | Disk quota management allows administrators to monitor and control how much disk space each user uses. Automated events can include sending email alerts to users when they are nearing their quota limit. This helps prevent unexpected outages due to full disk space. Additionally, administrators can set up systems to log events when users exceed their quotas, which helps track and resolve disk space issues. |

## Lab: Using Active Directory in the Enterprise

| **Prompt** | **Response** |
| --- | --- |
| In the lab section “Creating an Organization Unit and Users in Active Directory,” repeat the user creation steps using your name as a new user. Provide a screenshot of the Active Directory Users and Computer dialog box with your new user. | A screenshot of a computer  Description automatically generated |
| In the lab section “Setting an Organizational Level Policy in Active Directory,” provide a screenshot verifying that Prohibit access to the Control Panel is enabled. | A screenshot of a computer  Description automatically generated |
| The GUI makes it easy to create one user at a time in Active Directory. However, sometimes more than one user needs to be created in Active Directory. What command did you learn about in the lab that can be run at the command line and can add more than one user at a time to Active Directory? Give an example of how you would add yourself as a user to Active Directory from the command line. | Command:  Net user (username) (password) /add  Example:  Net user Joshua P@ssw0rd /add |
| Describe the benefits of using organizational units and Windows Active Directory to secure operating systems. | Organizational units (OUs) in Windows Active Directory allow administrators to effectively group resources like users and computers. This grouping helps apply specific security policies to different organizational departments or user types. For example, policies can restrict access to sensitive information only to specific groups. By using OUs, administrators can ensure higher security and manageability across the organization's network. |