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| * **Install Ubuntu LAMP server from command line and configure as defined below.**   **The following screenshot shows that php, apache , mysql were installed by showing the version number.**  Text  Description automatically generated   * + **Criteria**     - **Install ssh during installation**   *I used ssh -V to show the current version of ssh installed.*   * + - **During install set mysql password passwordmysql**     - **Admin username: first initial last name (all one word)**     - **Use password: password1**   *I created a new user by using the following command “CREATE USER ‘bsadler’@’localhost’ IDENTIFIED BY ‘password1’;” which just created a user with the username of ‘bsadler’ and with the password ‘password1’. Then I used the following command to provide admin privileges : “GRANT ALL PRIVILEGES ON \*.\* TO ‘bsadler’@’localhost’;’”. This command gives admin privileges to the user ‘bsadler’; The folloingw screenshot shows the results of the command and prints out the privileges of bsadler.*  Text  Description automatically generated   * + - **Change system hostname to student number**   *I used the following command “ hostnamectl set-hostname 105993190” number to change the hostname where 105993190 is my student. I also change the /etc/hosts file to change the hostname to be 105993190. The first screenshots are the results of the command changing the hostname. The second screenshot is a new terminal showing the results once restarted the terminal.*   * + - Text        Description automatically generated     - Text        Description automatically generated**Apply static IP address as assigned by professor or TA**     - **Update operating system**     - **Upgrade operating system**   *I used the following command to update the operating system “apt-get update” using root. I used the following command to upgrade the operating system “apt-get upgrade” using root. The following screenshot shows the results of the command.*   * + **Text      Description automatically generated**     - **Replace index.html with a page to show student name and number**       * **Add the <?php**       * **// Show all information, defaults to INFO\_ALL**       * **phpinfo();**       * **?>**   *I rename the index.html file to index.php and change the contents of the files to show the student number and my name. Also added the php script. The first screenshot shows the contents of the index.php file. The following screenshots after that is the page being display on the browser.*  **Text  Description automatically generatedGraphical user interface, application  Description automatically generatedGraphical user interface, application, table, Word  Description automatically generatedGraphical user interface, application  Description automatically generatedGraphical user interface, application  Description automatically generatedGraphical user interface, table  Description automatically generatedGraphical user interface, text, application, email  Description automatically generated**   * + - **Provide mysql show databases and show tables screen shot.** * **Mysql** * **Mysql> mysql --user=your-user-name --password=your-password** * **mysql> show databases; (output should look like below)**   **+--------------------+**  **| Database |**  **+--------------------+**  **| information\_schema |**  **| mysql |**  **+--------------------+**  **2 rows in set (0.00 sec)**   * **mysql> use mysql;** * **mysql> show tables; (output should look like below)**   **+---------------------------+**  **| Tables\_in\_mysql |**  **+---------------------------+**  **| columns\_priv |**  **| db |**  **| func |**  **| help\_category |**  **| help\_keyword |**  **| help\_relation |**  **| help\_topic |**  **| host |**  **| proc |**  **| procs\_priv |**  **| tables\_priv |**  **| time\_zone |**  **| time\_zone\_leap\_second |**  **| time\_zone\_name |**  **| time\_zone\_transition |**  **| time\_zone\_transition\_type |**  **| user |**  **+---------------------------+**  **17 rows in set (0.00 sec)**  **mysql>**  *The following screenshots are the results of me login into the user bsadler that we have set up previously and executed the commands that are describe above.* Text  Description automatically generated  Text  Description automatically generated |