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**Assignment No. 2**

**Title: --**Installation Steps

**Problem Statement: --** Install and configure client and server for MySQL and MongoDB

**Theory:**

1. **Installation steps of Mysql on Windows 10:**

**Step 1:**

* **We can download the latest version of MySql** Community server from dev.mysql.com .
* Select your operating system (Microsoft Windows) and click on Go to Download Page. It will redirect you the actual download page for windows Mysql server.

**Step 2:**

* It will show you **Generally Available (GA) Releases**. Where we can see two different installers, one is a web community installer which comes as a little file and another one is MySQL installer community.
* Click the Download button on the second one (mysql-installer-community).

**Step 3:**

* It will ask your MySQL credentials to download the .msi file.
* If you have your credentials, you can log in or else if you wish to sign up now you can click on the signup button.

**Step 4:**

* Go to your downloads folder where you can see the **mysql-installer-community** file, right click on that file and click **Install**option.

**Step 5:**

* This window configures the installer, in the middle, it may ask you for permissions to change your computer settings or firewall confirmation, you can accept and then it will take a few seconds to configure the installer.

**Step 6:**

* The next window provides us to set up different types of MySQL installations. You can set up Mysql in 5 different types as provided below.
* Select the **Developer Default**. Click on **Next.**

**Step 7:**

* Based on your Windows configuration, it may prompt you like “One or more product requirements have not been satisfied”.Click on **YES.**

**Step 8:**

* Click on **Execute.**

**Step 9:**

* After step 9 the installer grasps all recommended products in place and asking for our approval to execute the product installation process.
* Click on **Execute.**

**Step 10:**

* Upon successful execution of all required products, now the MySQL allows us to configure the server settings.
* Click on **Next**to configure the server.

**Step 11:**

* In this step we can configure the MySql server. We can set the server in two different modes.
* Select **Standalone MySQL server** and click on **Next.**

**Step 12:**

* Choose the **Development Computer** option from Config Type drop-down. You can find the following controls like TCP/IP, Port and X Protocol Port.

**Step 13:**

* In next window we can set our MySQL root user password.
* If we wish to create a new user, we can click on **Add User** button under MySQL user accounts section.

**Step 14:**

* Leave the service details as default and click on **Next.**

**Step 15:**

* Press **Execute** to apply the configurations on the previous step.

**Step 16:**

* Upon execution, you can see the below green coloured ticks on every configuration option and finally you will get **Finish** button.

1. **Installation steps of MongoDB on Windows 10:**

**Step 1:**

* To install the MongoDB for 64-bit version of Windows, go to <https://docs.mongodb.com/>try/download/community and Download MongoDB Community Server.

**Step 2:**

* Click on software and choose the community server option.

**Step 3:**

* When the download is complete It is saved in the Local Disk C:/, click on the file where you’ve saved it to start the wizard.

**Step 4:**

* In Local disk C:/ ,go to Program files
* Click on the MongoDB folder.

**Step 5**:

* There will be a folder named server. Click on this folder.
* There will be a folder named 4.4 which is the latest version of MongoDB.
* Click on the bin folder.

**Step 6**:

* Copy the address of this bin folder which is located in Local Disk C:/.

**Step 7**:

* Open Command prompt
* Paste the following address-

"C:\Program Files\MongoDB\Server\4.4\bin\mongo.exe"

**Step 8:**

* MongoDB is installed successfully.
* Upon installation of MongoDB,to check its working, tst with any MongoDB command.

**Conclusion:**

In the above installation, the latest version of MongoDB and MySql software has been installed from the website. We have now successfully installed the **MySql and MongoDB.**