TY B.Tech. (CSE) - II [2022-23]

5CS372 : Advanced Database System Lab.

Assignment No. 9

PRN: 2020BTECS00069

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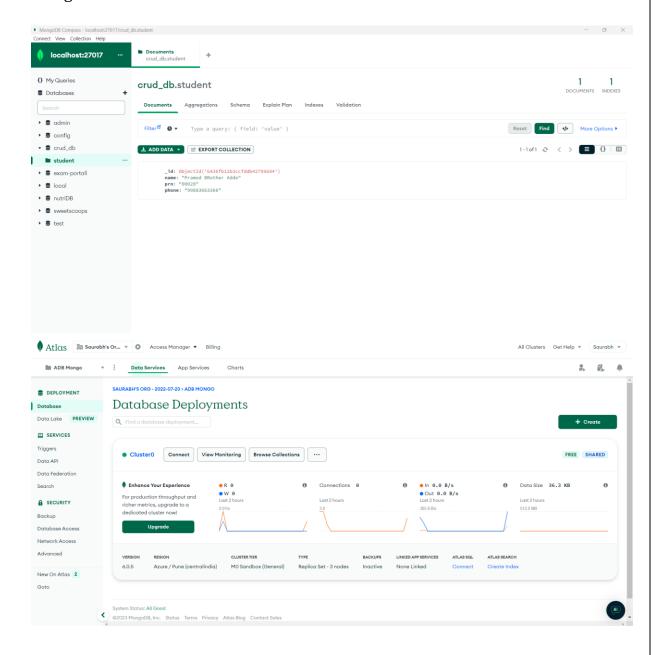
Install & deploy the following cloud databases on windows platform: Write Python desktop Application to demonstrate the CRUD operation with above backend cloud databases.

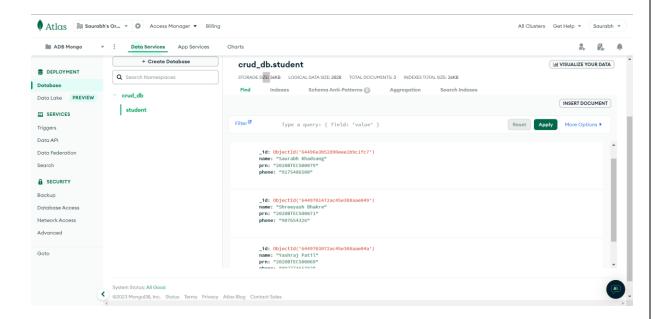
A] MongoDB

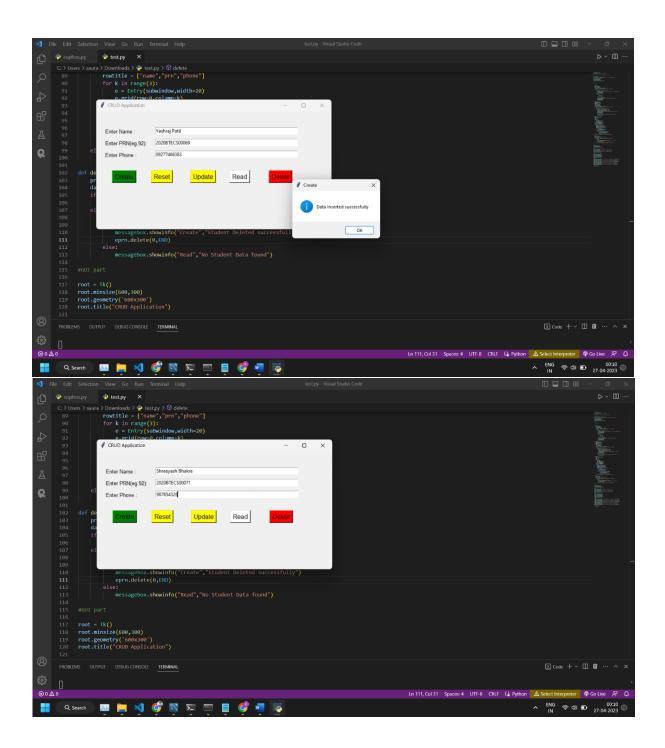
Install MongoDB On Windows

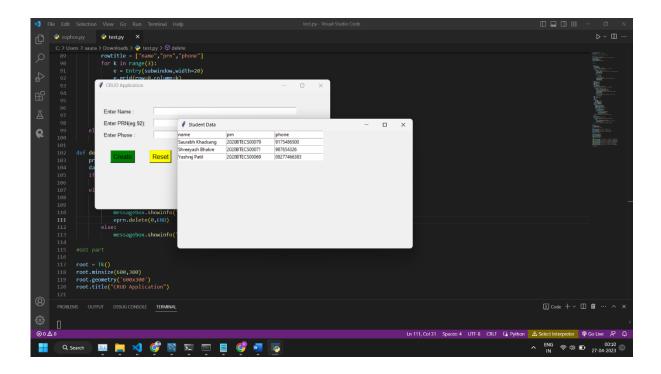
- Download the latest version of MongoDB from the official website: https://www.mongodb.com/try/download/community
- Run the installer and choose the "Complete" installation option.
- Accept the license agreement and choose the installation directory. The default directory is C:\Program Files\MongoDB\Server\{{version}}.
- Choose the options to install MongoDB as a Windows service and to start the service automatically.
- Click on "Install" and wait for the installation process to complete.
- Once the installation is complete, navigate to the MongoDB installation directory in a command prompt. For example, if you chose the default installation directory, you would run:
- cd C:\Program Files\MongoDB\Server\{{version}}\bin
- where {{version}} is the version of MongoDB you installed.
- To start the MongoDB server, run the following command: mongod.exe
- The MongoDB server should start running and output logs to the console. Keep the console window open while you use MongoDB.

- To interact with MongoDB, open another command prompt and navigate to the MongoDB installation directory's bin folder, as shown in step 6.
- Run the following command to start the MongoDB shell:
- Copy code
- mongo.exe
- You should now be able to use the MongoDB shell to interact with MongoDB.









B] CassandraDB

Install CassandraDB On Windows

- Download the latest version of Apache Cassandra from the official website: https://cassandra.apache.org/download/
- Extract the downloaded archive to a folder of your choice, e.g. C:\apache-cassandra-3.0.28.
- Add the C:\apache-cassandra-3.0.28\bin directory to your system's PATH environment variable. This will allow you to run Cassandra from any command prompt.
- Open command prompt and run the following command to star Cassandra:
 Wait for Cassandra to start up. You should see some output in the command prompt window indicating that Cassandra has started.
- Run the following command to start the Cassandra command-line interface (CLI):

You should now be able to use the CLI to interact with Cassandra.

• That's it! You now have Apache Cassandra installed and running on your Windows system.

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