TY B.Tech. (CSE) – II [2022-23] 5CS372 : Advanced Database System Lab. Assignment No. 9

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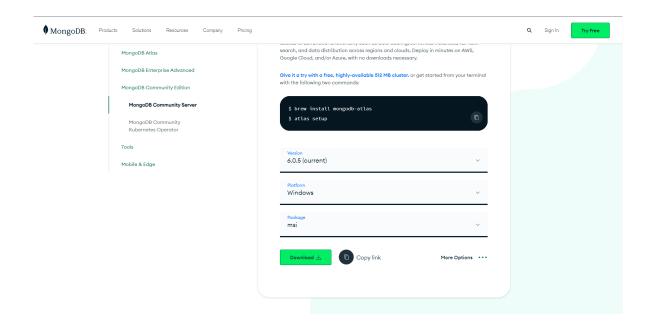
Title: Install & deploy the following cloud databases on windows platform.

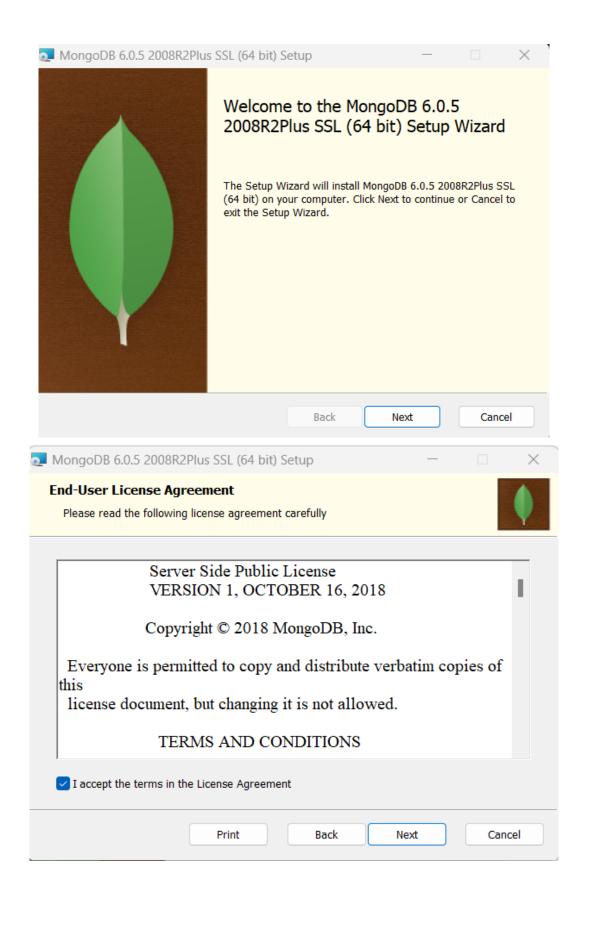
Aim: To install the MongoDB and Cassandra DB and to create Python desktop Application to demonstrate the CRUD operation

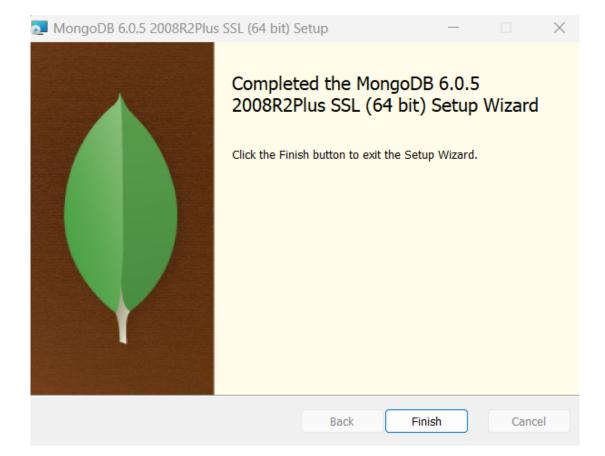
Procedure:

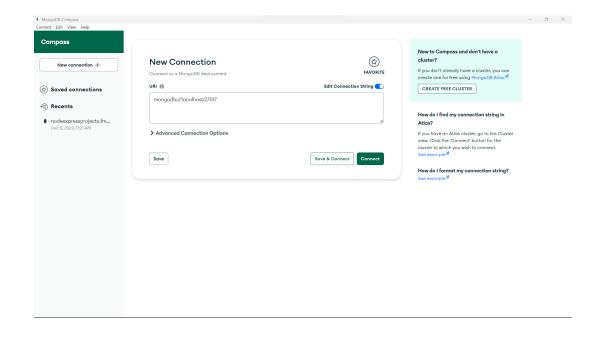
Installation & configuration:

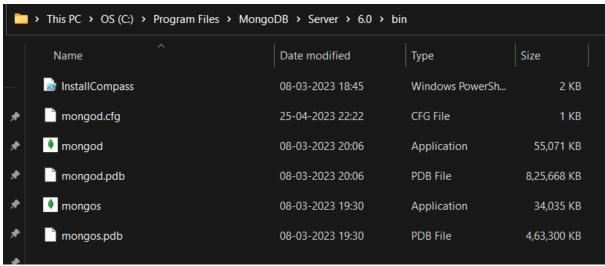
Installation of MongoDB Under the Software section, click on the Community server version.

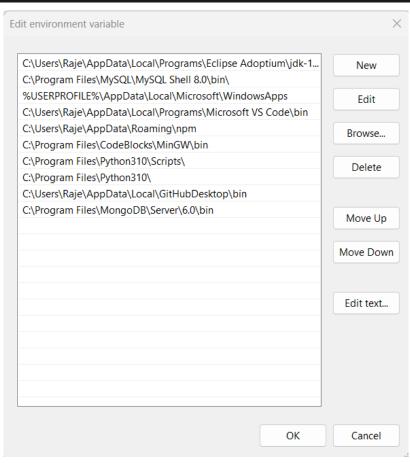










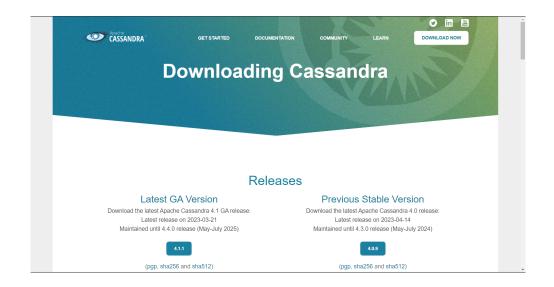


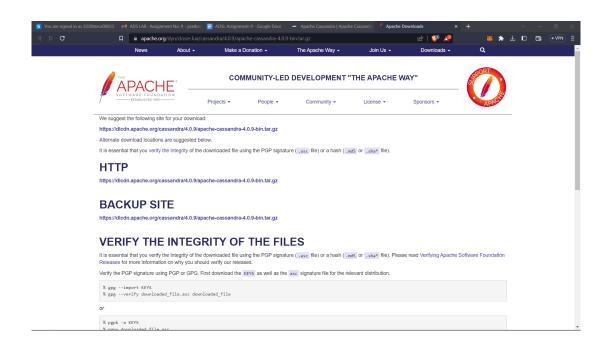
```
C:\Users\Raje>mongod --version
db version v6.0.5
Build Info: {
    "version": "6.0.5",
    "gitVersion": "c9a99c120371d4d4c52cbb15dac34a36ce8d3b1d",
    "modules": [],
    "allocator": "tcmalloc",
    "environment": {
        "distmod": "windows",
        "distarch": "x86_64",
        "target_arch": "x86_64"
}
}
```

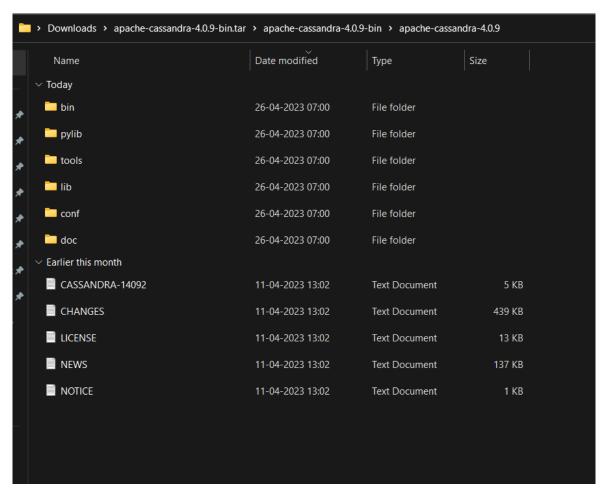
Installation of Cassandra DB

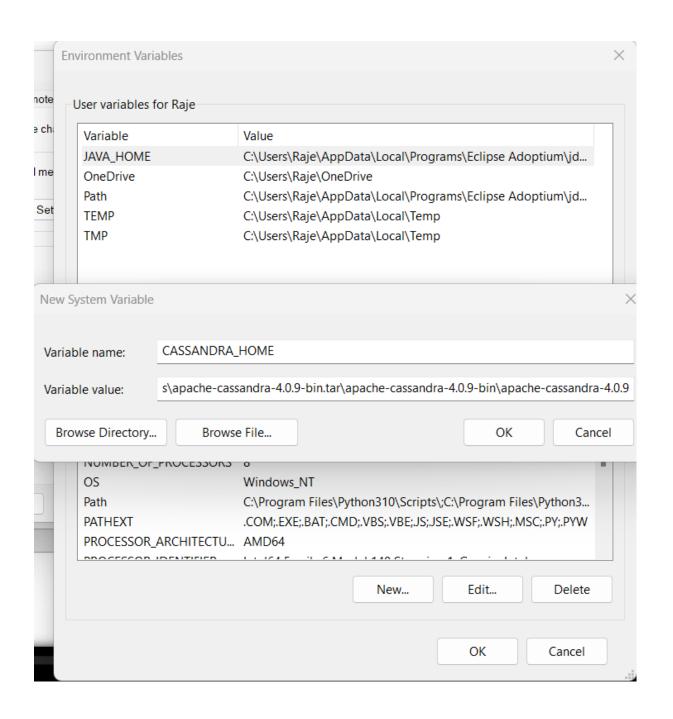
Java and Python:

```
C:\Users\Raje>java --version
openjdk 17.0.6 2023-01-17
OpenJDK Runtime Environment Temurin-17.0.6+10 (build 17.0.6+10)
OpenJDK 64-Bit Server VM Temurin-17.0.6+10 (build 17.0.6+10, mixed mode, sharing)
C:\Users\Raje>python --version
Python 3.10.7
```





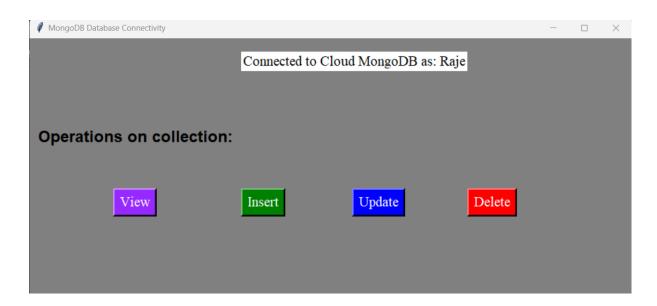




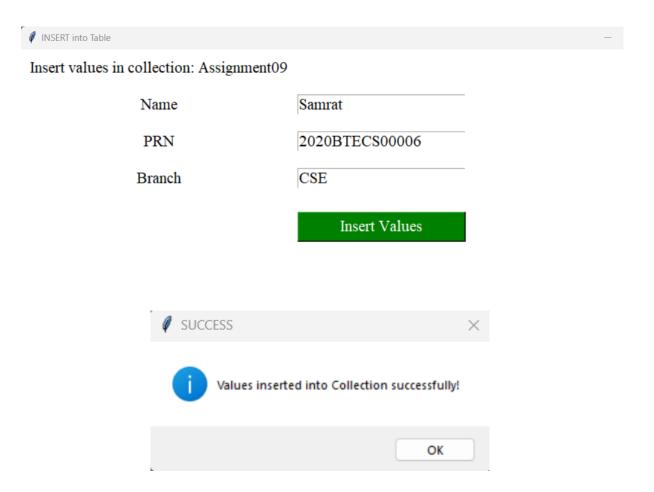
CRUD operations On MongoDB

Code:

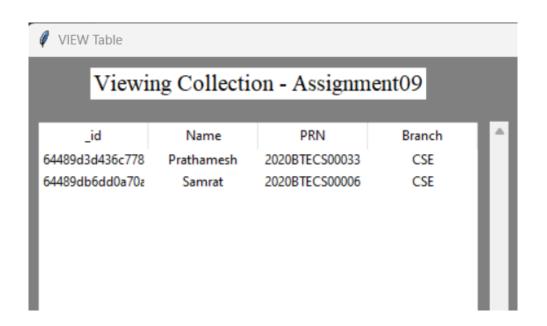
GUI:



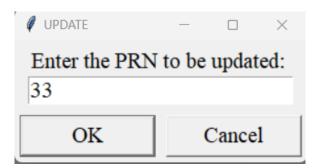
Insert Values in Database:

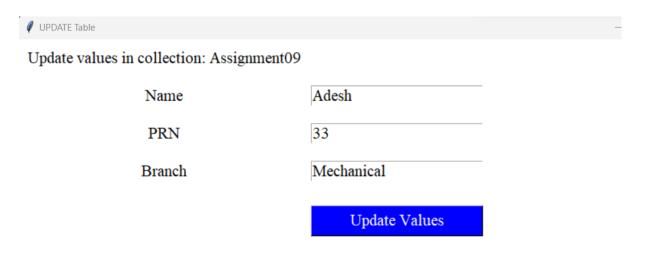


View Database Entries:



Update Database Entry:





Delete Database Entry:

