

**TY B.Tech. (CSE) – II [ 2021-22 ]**  
**4CS372 : Advanced Database System Lab.**

**Assignment No. 3**

**Installation, configuration & testing of Oracle 12c EE / 18c XE**

1. Download / get setup CD of Oracle Server & Client (Win/Linux).
2. Read and follow the prerequisite for installation and accordingly set the system.
3. If oracle already installed, uninstall it.
4. Install Oracle Server on one machine.
5. Install Oracle Client on another machine.
6. Check the connectivity from Web client and SQL command line.  
(Note use the *hr* demo schema)
7. Create new schema/user by your PRN e.g. **2019BTECS00001**.
8. Create sample tables in newly created schema / user
9. Repeat the step 6 for this new schema.
10. Demonstrate the DML on new tables.
11. Create GUI desktop application in Python which will connect to schema created in step 7. Allows to choose available tables. Demonstrate the CRUD operations on selected table.
12. Demonstrate the above program on another machine configured in step 5.

**REPEAT ABOVE WORK FOR MySQL 8.0 DATABASE**

**Deliverables** : The installation steps, specific settings, SQL code (.SQL) for creating schema, tables, python (.py) source files, the document containing the screen shot of program execution / output / results.

**Note** : Follow the submission guidelines.

**Deadline** : 06/02/2022

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