**Lab 1: Introduction to DDL**

* **Exercise 1:** Create a table :
  + **Table Name : Courses**
  + **CourseID**, **CourseName**, and **Department**.
* **Exercise 2:** Add a column
  + **Columns : Credits** to the **Courses** table.
* **Exercise 3:** Rename the **Courses** table to **CourseCatalog**.
* **Exercise 4:** Drop the **CourseCatalog** table.

**Lab 2: Basic DML Operations**

* **Exercise 1:** Create a table
  + **Table Name :** Students
  + **Columns:** StudentID, Name, Age, Department, Grade
* **Exercise 2**: Insert 5 records into the **Students** table

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **StudentID** | **Name** | **Age** | **Department** | **Grade** |
| 101 | Suresh | 19 | B.Sc | A |
| 102 | Raj | 21 | B.B.A | C |
| 103 | Kamal | 21 | B.Sc | F |
| 104 | Dinesh | 23 |  | B |
| 105 | Dheena | 22 |  | D |

* **Exercise 3:** Update the **Name** for a student id in 103 to “Kamalanathan”
* **Exercise 4:** Delete records from the **Students** table where the grade is 'B'.
* **Exercise 5:** Select all students who are older than 20 years.

**Lab 3: Advanced DML Queries**

* **Exercise 1:** Insert multiple records into the **Students** table using a single query.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **StudentID** | **Name** | **Age** | **Department** | **Grade** |
| 106 | Abi | 19 | B.Sc |  |
| 107 | Sarika | 21 | B.B.A |  |
| 108 | Vignesh | 21 | B.Sc | F |

* **Exercise 2:** Update the **Department** for the students id 106, 107 to B.B.A
* **Exercise 3:** Delete students from the **Students** table who do not have any grades recorded.
* **Exercise 3:** List the **names, department** form the students table