Course Code: CSL402	Course Name: Database Management System Lab
Class: SECO	Batch: 2020-24
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Experiment: 03

Aim: Create a database using Data Definition Language (DDL) and apply integrity constraints for the specified system.

Case Study Title – Currency Converter

Output -

Execute the following commands on MySQL.

Data Definition Language (DDL)

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1. Create Database

    create database databasename;

2. Create table Syntax

    create table table_name(
    column1 datatype(size),
    ………
    columnN datatype(size),
    constraint(s)) ;

3. Check the table structure
    desc tablename
4. Alter table add / modify / drop

    alter table table_name add newcolumn_name datatype(size)

    alter table table_name modify column_name newdatatype(newsize)
5. Drop Table
    Drop table tablename;
6. rename table oldtable to newtable
7. Using alter table add primary key and foreign key
    alter table tablename modify colname datatype(size) primary key

    alter table tablename add foreign key(colname) references tablename(colname);

Integrity Constraints

Apply the following integrity constraints while using the DDL Commands.

▪ Primary Key
    ▪ Column_name datatype(size) primary key

- Foreign Key
  - Foreign key (Fkey) references table_name(PKey)
- NULL
  - column_name datatype(size) not null
- Default
  - column_name datatype(size) default "Mumbai"
- Unique
  - Column_name datatype(size) unique

Attach the commands in Text format.

Conclusion:

We have successfully created a database using DDL (Data Definition Language) commands.