

Consider any database management system (like University, Library, Hospital database management system, etc.) of your choice.

1. Develop Data Definition Language (DDL) and Data Manipulation Language (DML) to implement a database management system specifying appropriate data types for each attribute. Create at least 5 relations/tables and Insert a few tuples for each of the tables related to that system using MySQL tool.

In the database schema that you have created, implement the following **DDL constraints** along with all **DDL(create, drop, truncate, rename, alter table)** and **DML(insert, delete, update, select)** commands discussed in the class:

- 1) Primary key
- 2) Foreign key/references
- 3) Unique
- 4) Not null, Null
- 5) Check
- 6) Autoincrement
- 7) Default
- 8) On delete

- Cascade
- No Action
- SET NULL
- SET Default

- 9) On update

- Cascade
- No Action
- SET NULL
- SET Default

- 10) Index

2. Put all your output screenshots in a **single PDF** file by mentioning **Constraint name** followed by **respected output screenshot** in a file. Ex: **Alter Table** and its **screenshot**) and upload in the google drive folder. Name of the file should be your **Register Number and name**.