

# CS333 ASD Lab Test

Date: February 4, 2021

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## AIM

Create a Company database as per the relational schema given with all the given constraints.

Populate it with data. Perform the following operations and show the output in each operation

### 1. Insertion

- a. Insert an employee tuple in EMPLOYEE table with Ssn as NULL
- b. Insert an employee tuple in EMPLOYEE table with an existing Ssn ( already an employee is there with the same Ssn
- c. Insert an employee tuple in EMPLOYEE table with a non existing Dno

### 2. Deletion

- a. Delete the WORKS\_ON tuple with the given Essn and Pno
- b. Delete an EMPLOYEE tuple with a given Ssn

### 3. Updation

- a. Update the salary of an employee to some new salary, given the Ssn
- b. Update Dno of an employee to some non-existing department number

## Execution steps:

NOTE : All the constraints were previously configured in Experiment 1

1. Create and use a database say SAMPLE using the following commands(if necessary)
  - a. `mysql> create database SAMPLE;`
  - b. `mysql> use SAMPLE;`
2. Execute the batch script for the Experiment using the following commands.
  - a. `mysql> source DDL.txt`
  - b. `mysql> source DML.txt`