CS3120 Database Management Systems Laboratory

Assignment – 2

Due Date – 3/03/2021 11:59 pm

Instructions:

1. Take proper screenshots of terminal after execution of each command and paste it below the command given in assignment
2. Submit the .pdf file on Moodle
3. Submit it in the naming format **<rollnumber_assignment3.pdf>**. Follow the naming format as given, otherwise marks will be deducted.
4. Deadline for late submission(with penalty) : 4/03/2021 11:59 pm

Assignment:

Write the following queries in SQL, using the university schema.

1. Create table 'book-from-library' using following fields

   - `BOOK-ID`, `name`, `publication`, `ID`.
   - Each row in this table is identified by BOOK-ID.
   - Add an attribute 'author'
   - Delete the table

2. (a) Insert a record in the table 'Student' with the following values

   - ID = 'last 4 digits of your institute roll number'
   - Name = 'Your first name'
   - Dept_name = 'Comp. Sci.'
   - Total_credits = 95

   (b) Edit the total credits as 90 for the newly added record.

   (c) Delete that record.

3. Add 10 credits to all the students in Comp. Sci. department who has total credits less than 100.

4. Display the ID of all the instructors who taught only in 2009

5. Display the toppers in each department

6. Display the courses that are considered as prerequisite courses

7. Display the name & ID of the advisors who advice students from Comp. Sci. department.

8. Display the number of instructors and average salary spend in each department