Registration Number   Name

Database(Lab)

_____   Lab Exam (Spring 2022)   _____

Total Marks: 40   Total Time: 90 mins

Read all the INSRUCTIONS CAREFULLY as it is automatically evaluated quiz. **Violation of any instruction may result in ZERO MARKS.**

- Use of SQL Management Studio is allowed if you have working SQL Server on your own laptop, otherwise use notepad.
- Write all the answers in a notepad file named 2022-CS-X.txt. Here 'X' means your registration number.
- Each Query should start with Q1, Q2 depending on Question No. After each Question, there should be three * and then there should be two blank lines. Check the sample file on right side. If you understand the format, write FORMAT in front of your name.
- After exam, file should be uploaded to Eduko immediately
- Being a digital quiz, it's much easier to highlight the **PLAGIARISM**, so to be safer side, avoid any activity that may lead to F in your quiz and keep your laptop screen safe so that nobody copies you.
- You will not be given any chance for the issues with your Eduko account after exam, verify it before exam.
- Check your Eduko account, if you can properly login to Eduko and are registered in Database System course. If everything is fine, then write READY on top of your exam in front of registration number.

> Q1
> SELECT * FROM Table1
> ***
>
>
> Q2
> SELECT col1 from Table3 WHERE col2=5
> ***

Database Schema:
- Database scripts are available at https://bit.ly/3hXCG3V.
- Keep the name of database as LmsTestDb • Diagram of schema is available on Page 2.

Problems

1. List the email Ids of students who have enrolled to a course but have not submitted any assignment in that course. Output schema should be as follow (EmailId, CourseName).
2. List the semester wise enrollments for students. Fall 2020 is one semester and so on. Output schema should be as follow (SemesterName).
3. Sections of which course have no enrollments. List the name of courses. Output schema should be as follow (CourseName).
4. List the total marks of students in course having id 1015. Output schema should be as follow (StudentName, TotalMarks).
5. Give the name of courses which have more than five announcements. Output schema should be as follow (CourseName).
6. Assignment submission is said to be at eleventh hour if it is submitted one hour before the deadline. List the name of students who have submitted more than two assignments in any course at eleventh hour. Output schema should be as follow (StudentName).
7. List the name of course whose one section has more than 50 enrollments. Output schema should be as follow (CourseName).
8. An assignment is said to be difficult if no more than two students can submit before the deadline. List the Ids of assignments which are difficult. Output schema should be as follow (AssignmentId).
9. List the name of courses whose assignments are currently open for submission. Output schema should be as follow (CourseName).
10. A student is said to session fellow if they are enrolled in more than three courses together. List the pair-wise registration numbers of students who are session fellow. Output schema should be as follow (RegistrationNumber1, RegistrationNumber2).

11.   Report the pairs of students who have submitted assignment immediately after each other for more than two times in the same assignment. Output schema should be as follow (RegistrationNumber1, RegistrationNumber2).