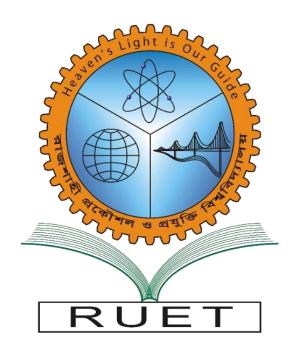
Rajshahi University of Engineering & Technology

Department of Electrical and Computer Engineering



Course Code: ECE-2216

Course Title: Database Systems Sessional

Experiment No: 01

Date of Submission: 17.09.2024

Submitted By

Mst.Samia Aktar Sathi Roll:2110003 Registration No. 1057/ 2021-2022 Department of ECE, RUET

Submitted to

Oishi Jyoti Assistant Professor Department of ECE, RUET

Experiment No: 1

Experiment Name:

Create a database system for class 21 where there are 2 table for odd and even batch containing info for 10 students.

-Id, Name, Contact, Blood Group, Major Subject, Obtained Marks (100)

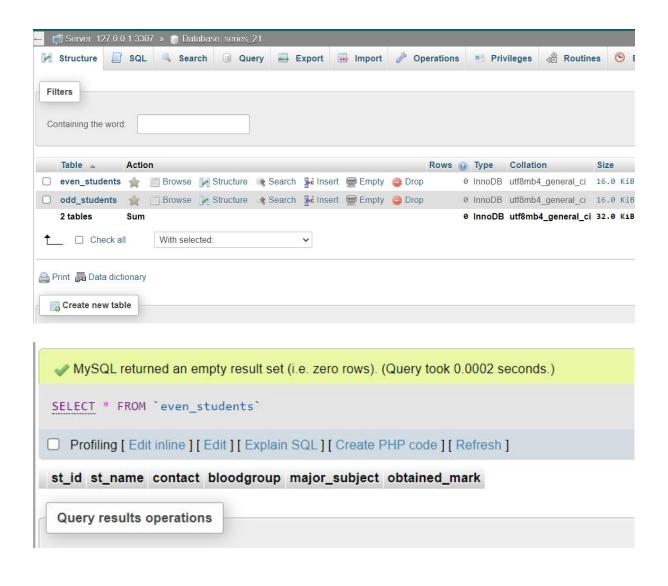
Objective:

- Gain an understanding of database systems using XAMPP.
- Explore SQL and NoSQL database systems and their differences.
- Differentiate between Data Manipulation Language (DML) and Data Definition Language (DDL) in SQL.
- Learn query languages to create tables and insert data into a database system.
- Apply SQL queries to solve real-life scenarios and modify data within the database.

Query and Output:

Creation of a database with two separate tables named "Odd_Students" and "Even Students," containing relevant student information:

```
CREATE TABLE even_students (
st_id INT PRIMARY KEY AUTO_INCREMENT,
st_name VARCHAR(100) NOT NULL,
contact VARCHAR(15),
bloodgroup VARCHAR(5),
major_subject TEXT(100),
obtained_mark INT(255) NOT NULL
);
```



INSERT INTO Odd_Students (st_id,st_name, contact, bloodgroup, major_subject, obtained_mark) VALUES ('2110002','Rima', '1239876 543', '0+', 'History', 70), ('2110004','Rani', '3216549870', 'A-', 'English', 82), ('2110006','Risa', '4567890123', 'B+', 'Philosophy', 78), ('2110008','Tisa', '7890123456', 'AB-', 'Economics', 89), ('2110010','Nisa', '1472583690', 'O-', 'Political Science', 91);



INSERT INTO 'even_students'('st_id', 'st_name', 'contact', 'bloodgroup', 'major_subject', 'obtained mark') VALUES

('2110001','Rima', '1239876543', 'O+', 'History', 70), ('2110003','Raisa', '3216549870', 'A-', 'English', 82), ('2110005','Risa', '4567890123', 'B+', 'Philosophy', 78), ('2110007','Tisa', '7890123456', 'AB-', 'Economics', 89), ('2110009','Nisa', '1472583690', 'O-', 'Political Science', 91);

