

Rajshahi University of Engineering & Technology

Department of Electrical & Computer Engineering

Course Title

Data Base Systems Sessional

Course No: ECE 2216

Lab Report No. 01



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Submitted to:	Submitted by:
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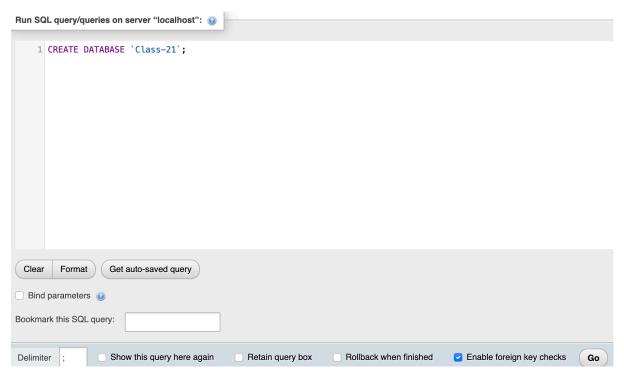
Experiment No: 01

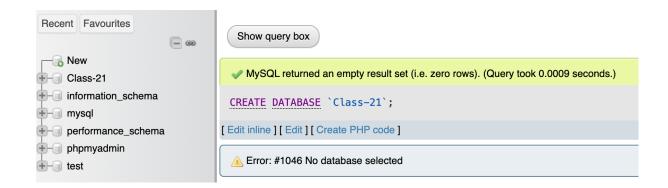
Experiment Name: Create a database system for class 21 where there are 2 tables for odd and even batch containing following information for 10 students- ID, Name, Contact, Blood Group, Major Subject, Obtained Marks.

Objective: The aim of this lab is to design and develop a structured database system using SQL, emphasizing Data Definition Language (DDL) and Data Manipulation Language (DML) functions. The main goal is to provide hands-on practice in creating, altering, and managing database schemas through DDL commands like CREATE, ALTER, DROP, and TRUNCATE, and to manipulate the data using DML commands such as INSERT, UPDATE, DELETE, and SELECT. This task is intended to help students understand how to define database tables, apply constraints, and perform basic data operations, equipping them with essential skills for real-world database management.

Query and Output:

Creating a database named Class-21:





Creating a Table for odd_sem students:

```
1   CREATE TABLE odd_sem(
2    id INT,
3    name VARCHAR(255),
4    contact VARCHAR(255),
5    blood_g VARCHAR(255),
6    major_sub VARCHAR(255),
7    marks INT
8    )
9
```

Output:

```
→ New

→ Class-21

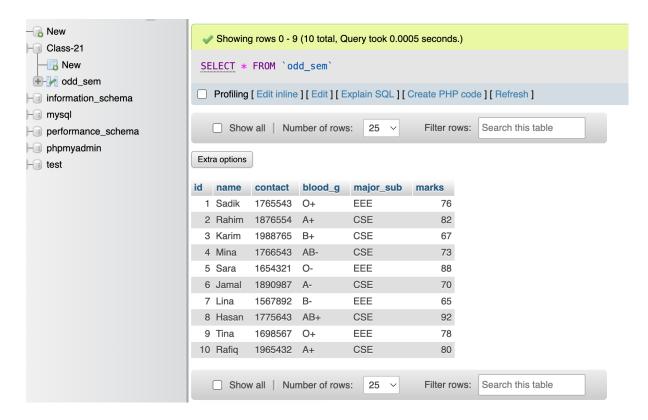
→ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0021 seconds.)

CREATE TABLE odd_sem( id INT, name VARCHAR(255), contact VARCHAR(255), blood_g VARCHAR(255), major_sub VARCHAR(255), marks INT );

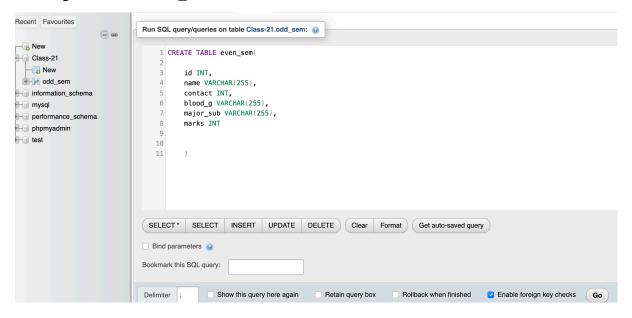
→ phymyanin

→ lest
```

Inserting 10 students data in the odd sem table:



Creating a Table for even semester students:





Inserting 10 students data in the even_sem table:

