Rajshahi University of Engineering & Technology



Department of Electrical & Computer Engineering ECE-21

Course Code: ECE 2216

Course Title: Data Base Systems Sessional

Experiment No: 01

Submitted by:

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Submitted to:

Oishi Jyoti Assistant Professor Dept. of ECE RUET **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:

- 1. Study various operation of Data Definition Language (DDL)
- 2. Study various operation of Data Manipulation Language (DML)

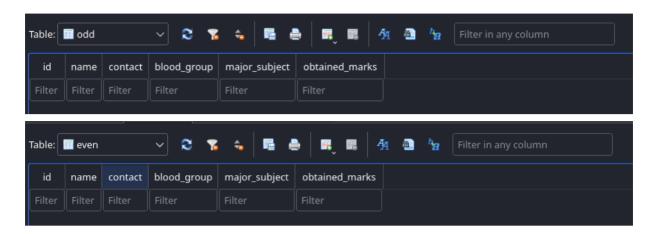
Query and Output:

Creating a new database:

```
CREATE DATABASE 'class_21'
```

Query to create a new tables:

Output:



Inserting data into two tables:

```
INSERT INTO `odd` (id, name, contact, blood_group, major_subject, obtained_marks) VALUES
(1, 'Sadik', '01123456789', 'Ave+', 'computer', 65),
(3, 'Sania', '01323456789', 'Bve+', 'computer', 30),
(5, 'Hridoy', '01523456789', 'Bve+', 'computer', 30),
(7, 'Himel', '01723456789', 'Ave+', 'electrical', 80),
(9, 'Priho', '01923456789', 'Ave+', 'electrical', 90),

INSERT INTO `even` (id, name, contact, blood_group, major_subject, obtained_marks) VALUES
(2, 'Nahid', '01223456789', 'Bve+', 'electrical', 50),
(4, 'Radia', '01423456789', 'Bve+', 'NULL', 90),
(6, 'Jahin', '01623456789', 'Ave+', 'computer', 90),
(8, 'Zanifa', '01823456789', 'Ave+', 'computer', 55),
(10, 'Rubayed', '01023456789', 'Ave+', 'computer', 64)
```

Output:





Query to update a row in table:

```
UPDATE 'odd' SET 'id' = 12, 'name' = 'Tonmoy', 'contact' = '01111111111', 'blood_group' = 'AB+',
    'major_subject' = 'computer', 'obtained_marks' = '80' WHERE 'odd'.'id' = 5;
```

Output:

	id	name	contact	blood_group	major_subject	obtained_marks	
	Filter	Filter	Filter	Filter	Filter	Filter	
1	1	Sadik	011234	Ave+	computer	65	
2	3	Sania	013234	Ave+	electrical	40	
3	12	Tonmoy	011111	AB+	computer	80	
4	7	Himel	017234	Ave+	electrical	80	
5	9	Priho	019234	Ave+	electrical	90	

Query to delete a row from table:

```
DELETE FROM 'even' WHERE 'id' = 6;
```

Output:

2	Nahid	012234	Bve+	electrical	50	
4	Radia	014234	Bve+	NULL	90	
6	Jahin	016234	Ave+	computer	90	
8	Zanifa	018234	Ave+	computer	55	
10	Ruba	010234	Ave+	computer	64	