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- 6. ALTER TABLE: Add a new column
ALTER TABLE students
ADD phone_number VARCHAR(15);
```

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- 7. ALTER TABLE: Rename a column
ALTER TABLE students
RENAME COLUMN phone_number TO mobile_number;
```

```
- 8. ALTER TABLE: Drop a column (use carefully)
ALTER TABLE students
DROP COLUMN date_of_birth;
SELECT * FROM students;
```

Filter Rows:

Edit:

Export/Import

Result Grid

Form Editor

Revert

name	email	age	mobile_number	phone_number
rohit	rohit@gmail.com	20	NULL	NULL
sonata	sonata@gmail.com	21	NULL	NULL
clau	clau@gmail.com	19	NULL	NULL
1	NULL	NULL	NULL	NULL

Time	Action	Message
03:10	ALTER TABLE students RENAME COLUMN pho...	Error Code: 1060. Duplicate column n...
09:41	ALTER TABLE students DROP COLUMN date_o...	0 row(s) affected Records: 0 Duplicat
10:03	SELECT * FROM students LIMIT 0, 1000	3 row(s) returned

It Grid

Filter Rows:

Edit: 


Export/Import

id	name	email	age	date_of_birth
	Rohit	rohit@gmail.com	20	2004-05-10
	Sonata	sonata@gmail.com	21	2003-08-15
	claude	claude@gmail.com	19	2005-01-22
NULL	NULL	NULL	NULL	NULL

Result Grid

Form Editor

Field Types

nts 3

×

Apply

Revert

Conte

Action Output			
	Time	Action	Message
13	17:48:59	INSERT INTO students (id, name, email, age, dat...	3 row(s) affected Records: 3 Duplicates
14	17:52:23	INSERT INTO students VALUES (1, 'Test User', 'r...	Error Code: 1062. Duplicate entry '1' for
15	17:52:45	INSERT INTO students VALUES (5, NULL, 'null.n...	Error Code: 1048. Column 'name' cannot
16	17:53:27	INSERT INTO students VALUES (5, NULL, 'null.n...	Error Code: 1048. Column 'name' cannot
17	17:53:32	SELECT * FROM students LIMIT 0, 1000	3 row(s) returned

```

25 -- 4. Try inserting INVALID data (will fail)
26
27 -- Duplicate PRIMARY KEY (id)
28 • INSERT INTO students VALUES (1, 'Test User', 'rohit@gmail.com',
29
30 -- Duplicate UNIQUE email
31 • INSERT INTO students VALUES (4, 'Test User', 'sonata@gmail.com';
32
33 -- NULL in NOT NULL column
34 • INSERT INTO students VALUES (5, NULL, 'null.name@gmail.com', 20;
35
36 -- 5. Verify current data
37 • SELECT * FROM students;
38

```

[Context Help](#)

Output

Action Output				
#	Time	Action	Message	
11	17:48:19	DROP TABLE IF EXISTS students	0 row(s) affected	
12	17:48:27	CREATE TABLE students ( id INT PRIMARY K...	0 row(s) affected	
13	17:48:59	INSERT INTO students (id, name, email, age, dat...	3 row(s) affected Records: 3 Duplicates: 0 W	