

## Practice Qs

Qs: Create a database for your college.

Create a table named Teacher to store (id, name, subject, salary)

Insert following data in the table :

23, "ajay", "math", 50,000

47, "bharat", "english", 60,000

18, "chetan", "chemistry", 45,000

9, "divya", "physics", 75,000

Administration

Schemas

Query 1

SCHEMAS

Filter objects

college

Tables

Views

Stored Procedures

Functions

sys

Load Spatial Data

Create Schema...

Refresh All

Limit to 1000 rows

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CREATE DATABASE IF NOT EXISTS college;

USE college;

CREATE TABLE teacher (

id INT PRIMARY KEY,

name VARCHAR(50),

subject VARCHAR(50),

salary INT

);

• `INSERT INTO teacher`  
`(id, name, subject, salary)`  
`VALUES`  
`(23, "ajay", "math", 50000),`  
`(47, "bharat", "english", 60000),`  
`(18, "chetan", "chemistry", 45000),`  
`(9, "divya", "physics", 75000);`

19

20 • **SELECT** \* **FROM** teacher|

19

20 • **SELECT \* FROM teacher;**

160% 23:20

Result Grid



Filter Rows:




Search

Edit:



id	name	subject	salary
9	divya	physics	75000
18	chetan	chemistry	45000
23	ajay	math	50000
47	bharat	english	60000
NULL	NULL	NULL	NULL

## Practice Qs

- Select teachers whose salary is more than 55K
  - Rename the salary column of teacher table to ctc
  - Update salary of all teachers by giving them an increment of 25%
  - Add a new column for teachers called city. The default city should be "Gurgaon"
  - Delete the salary column for teacher table
- 

```
SELECT * FROM teacher  
WHERE salary > 55000;
```

id	name	subject	salary	
9	divya	physics	75000	
47	bharat	english	60000	
<b>NULL</b>	<b>NULL</b>	<b>NULL</b>	<b>NULL</b>	



```
ALTER TABLE teacher  
CHANGE COLUMN salary ctc INT;
```

Result Grid   Filter Rows:  Search

id	name	subject	ctc	
9	divya	physics	75000	
18	chetan	chemistry	45000	
23	ajay	math	50000	
47	bharat	english	60000	
<b>NULL</b>	<b>NULL</b>	<b>NULL</b>	<b>NULL</b>	

```
UPDATE teacher  
SET ctc = ctc + ctc * 0.25;
```

19

20 • **SELECT \* FROM teacher;**

21

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23:20

Result Grid



Filter Rows:



Search

Edit:

id	name	subject	ctc
9	divya	physics	93750
18	chetan	chemistry	56250
23	ajay	math	62500
47	bharat	english	75000
NULL	NULL	NULL	NULL

1  
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- ```
ALTER TABLE teacher  
ADD COLUMN city VARCHAR(50) DEFAULT "Gurgaon";
```

Result Grid



Filter Rows:



Search

Edit:



| id   | name   | subject   | ctc   | city    |
|------|--------|-----------|-------|---------|
| 9    | divya  | physics   | 93750 | Gurgaon |
| 18   | chetan | chemistry | 56250 | Gurgaon |
| 23   | ajay   | math      | 62500 | Gurgaon |
| 47   | bharat | english   | 75000 | Gurgaon |
| NULL | NULL   | NULL      | NULL  | NULL    |
|      |        |           |       |         |
|      |        |           |       |         |

```
ALTER TABLE teacher  
DROP COLUMN ctc;
```

100%



23-20

Result Grid



Filter Rows:



Search

| id   | name   | subject   | city    |
|------|--------|-----------|---------|
| 9    | divya  | physics   | Gurgaon |
| 18   | chetan | chemistry | Gurgaon |
| 23   | ajay   | math      | Gurgaon |
| 47   | bharat | english   | Gurgaon |
| NULL | NULL   | NULL      | NULL    |

