

```
SQL 8.0 Command Line Cli × + -  
s in set (0.00 sec)  
↳ insert into sms_tch(ID,Name,Age,VOE,DOJ,Salary) values (13546,'Priyadevi',45,'16 years','2013-05-15',100000),(22534,'Shri',42,'5 years','2022-10-26',60000),(10246,'Karthick',47,'20 years','2010-03-17',120000),(12131,'John',32,'13 years','2012-02-02',110000),(18245,'Abhi',38,'10 years','2018-06-01',80000),(15276,'Devi',37,'15 years','2015-06-12',90000);  
Query OK, 6 rows affected (0.01 sec)  
Records: 6 Duplicates: 0 Warnings: 0  
mysql> select * from sms_tch;  
+----+----+----+----+----+----+  
| ID | Name | Age | VOE | DOJ | Salary |  
+----+----+----+----+----+----+  
| 10246 | Karthick | 47 | 20 years | 2010-03-17 | 120000 |  
| 13546 | Priyadevi | 45 | 16 years | 2013-05-15 | 100000 |  
| 18245 | Abhi | 38 | 10 years | 2018-06-01 | 80000 |  
| 22534 | Shri | 32 | 5 years | 2022-10-26 | 60000 |  
+----+----+----+----+----+----+  
4 rows in set (0.00 sec)  
mysql> insert into sms_tch(ID,Name,Age,VOE,DOJ,Salary) values (12131,'John',32,'13 years','2012-02-02',100000),(10235,'Varshini',40,'15 years','2010-05-15',120000),(15276,'Devi',37,'15 years','2015-06-12',90000),(16626,'Ranidevi',35,'11 years','2016-04-04',80000);  
Query OK, 6 rows affected (0.01 sec)  
Records: 6 Duplicates: 0 Warnings: 0  
mysql> select * from sms_tch;  
+----+----+----+----+----+----+  
| ID | Name | Age | VOE | DOJ | Salary |  
+----+----+----+----+----+----+  
| 10235 | Varshini | 40 | 15 years | 2010-05-15 | 120000 |  
| 10246 | Karthick | 47 | 20 years | 2010-03-17 | 120000 |  
| 12131 | John | 32 | 13 years | 2012-02-02 | 110000 |  
| 13546 | Priyadevi | 45 | 16 years | 2013-05-15 | 100000 |  
| 15276 | Devi | 37 | 15 years | 2015-06-12 | 90000 |  
| 16626 | Ranidevi | 35 | 11 years | 2016-04-04 | 80000 |  
| 18245 | Abhi | 38 | 10 years | 2018-06-01 | 80000 |  
| 22534 | Shri | 32 | 5 years | 2022-10-26 | 60000 |  
+----+----+----+----+----+----+  
10 rows in set (0.00 sec)  
mysql>
```

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Default × + -  
Database changed  
mysql> show tables;  
+-----+  
| Tables_in_sms |  
+-----+  
| sms_tch |  
+-----+  
1 row in set (0.02 sec)  
mysql> desc sms_tch;  
+-----+-----+-----+-----+-----+-----+  
| Field | Type | Null | Key | Default | Extra |  
+-----+-----+-----+-----+-----+-----+  
| ID | int | NO | PRI | NULL | auto_increment |  
| Name | varchar(20) | YES | | NULL | |  
| Age | int | YES | | NULL | |  
| VOE | varchar(20) | YES | | NULL | |  
| DOJ | date | YES | | NULL | |  
| Salary | int | YES | | NULL | |  
+-----+-----+-----+-----+-----+-----+  
6 rows in set (0.02 sec)  
mysql> select (Name,Salary) from sms_tch;  
ERROR 1241 (21000): Operand should contain 1 column(s)  
mysql> select Name from sms_tch;  
+-----+  
| Name |  
+-----+  
| Varshini |  
| Karthick |  
| Saaddev |  
| John |  
| Priyadevi |  
| Devi |  
| Ranidevi |  
| Abhi |  
| Shri |  
+-----+  
10 rows in set (0.00 sec)  
mysql>
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l row in set (0.00 sec)
mysql> update sms_tch set Age=32,Salary=70000 where id=22534;
Query OK, 1 row affected (0.04 sec)
Rows matched: 1 Changed: 1 Warnings: 0
mysql> select * from sms_tch;
+----+----+----+----+----+
| ID | Name | Age | YOE | DOJ | Salary |
+----+----+----+----+----+
| 10246 | Karthick | 47 | 20 years | 2010-03-17 | 120000 |
| 12342 | Joe | 32 | 13 years | 2012-02-02 | 100000 |
| 13546 | Priyadevi | 45 | 16 years | 2013-05-15 | 100000 |
| 18245 | Abhi | 38 | 10 years | 2018-06-01 | 80000 |
| 22534 | Shri | 32 | 5 years | 2022-10-20 | 70000 |
+----+----+----+----+----+
5 rows in set (0.00 sec)
mysql> delete from sms_tch where id=12342;
Query OK, 1 row affected (0.02 sec)
mysql> select * from sms_tch;
+----+----+----+----+----+
| ID | Name | Age | YOE | DOJ | Salary |
+----+----+----+----+----+
| 10246 | Karthick | 47 | 20 years | 2010-03-17 | 120000 |
| 13546 | Priyadevi | 45 | 16 years | 2013-05-15 | 100000 |
| 18245 | Abhi | 38 | 10 years | 2018-06-01 | 80000 |
| 22534 | Shri | 32 | 5 years | 2022-10-20 | 70000 |
+----+----+----+----+----+
4 rows in set (0.00 sec)
mysql> insert into sms_tch(ID,Name,Age,YOE,DOJ,Salary) values (13546,'Priyadevi',45,'16 years','2013-05-15',100000),(10246,'Karthick',47,'20 years','2010-03-17',120000),(12342,'Abhi',38,'10 years','2018-06-01',80000),(22534,'Shri',32,'5 years','2022-10-20',70000);
ERROR 1062 (23000): Duplicate entry '13546' for key 'sms_tch.PRIMARY'
mysql> select * from sms_tch;
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```
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'at line 2
mysql> select * from sms_tch order by Salary asc;
+----+----+----+----+----+
| ID | Name | Age | YOE | DOJ | Salary |
+----+----+----+----+----+
| 20213 | Shan | 38 | 16 years | 2020-01-06 | 70000 |
| 22534 | Shri | 32 | 5 years | 2022-10-06 | 70000 |
| 13546 | Priyadevi | 45 | 16 years | 2013-05-15 | 100000 |
| 18245 | Abhi | 38 | 10 years | 2018-06-01 | 80000 |
| 15276 | Dinesh | 37 | 15 years | 2015-06-12 | 90000 |
| 12131 | John | 32 | 13 years | 2012-05-12 | 90000 |
| 18246 | Karthick | 40 | 15 years | 2013-05-15 | 100000 |
| 16246 | Karthini | 40 | 15 years | 2013-05-15 | 100000 |
| 11216 | Samdev | 42 | 18 years | 2011-09-11 | 120000 |
+----+----+----+----+----+
10 rows in set (0.00 sec)
mysql> select Salary,max(Salary) from sms_tch group by Salary;
+-----+-----+
| Salary | max(Salary) |
+-----+-----+
| 120000 | 120000 |
| 100000 | 100000 |
| 90000 | 90000 |
| 80000 | 80000 |
| 70000 | 70000 |
+-----+-----+
5 rows in set (0.02 sec)
mysql> select YOE,max(Salary) from sms_tch group by YOE;
+-----+-----+
| YOE | max(Salary) |
+-----+-----+
| 15 years | 120000 |
| 20 years | 120000 |
| 18 years | 120000 |
| 13 years | 120000 |
| 16 years | 100000 |
| 15 years | 100000 |
| 10 years | 80000 |
| 5 years | 80000 |
| 11 years | 80000 |
+-----+-----+
8 rows in set (0.00 sec)
```

```
5 rows in set (0.02 sec)
mysql> select YOE,max(Salary) from sms_tch group by YOE;
+-----+-----+
| YOE | max(Salary) |
+-----+-----+
| 15 years | 120000 |
| 20 years | 120000 |
| 18 years | 120000 |
| 13 years | 120000 |
| 16 years | 100000 |
| 15 years | 100000 |
| 10 years | 80000 |
| 5 years | 80000 |
| 11 years | 80000 |
+-----+-----+
8 rows in set (0.00 sec)
mysql> select max(Salary) from sms_tch;
+-----+
| max(Salary) |
+-----+
| 120000 |
+-----+
1 row in set (0.00 sec)
mysql> select min(Salary) from sms_tch;
+-----+
| min(Salary) |
+-----+
| 70000 |
+-----+
1 row in set (0.00 sec)
mysql> select avg(Salary) from sms_tch;
+-----+
| avg(Salary) |
+-----+
| 95000.0000 |
+-----+
1 row in set (0.00 sec)
```

```
mysql> select min(Salary);
+-----+
| 70000 |
+-----+
1 row in set (0.00 sec)

mysql> select avg(Salary) from sms_tch;
+-----+
| 95000.0000 |
+-----+
1 row in set (0.00 sec)

mysql> select sum(Salary) from sms_tch;
+-----+
| 950000 |
+-----+
1 row in set (0.00 sec)

mysql> select count(Salary) from sms_tch;
+-----+
| 10 |
+-----+
1 row in set (0.00 sec)

mysql> start transaction;
Query OK, 0 rows affected (0.00 sec)

mysql> update sms_tch set Salary=125000 where name='Varshini';
Query OK, 1 row affected (0.02 sec)
Rows matched: 1  Changed: 1  Warnings: 0

mysql> select * from sms_tch;
+----+----+----+----+----+
| ID | Name | Age | YOE | DOJ | Salary |
+----+----+----+----+----+
| 13446 | Priyadevi | 45 | 16 years | 2013-05-15 | 100000 |
| 18245 | Abhi | 38 | 10 years | 2018-06-01 | 80000 |
| 22534 | Shri | 42 | 5 years | 2022-10-20 | 60000 |
+----+----+----+----+----+
3 rows in set (0.00 sec)

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mysql> select * from sms_tch_demo;
+----+----+----+----+----+
| ID | Name | Age | YOE | DOJ | Salary |
+----+----+----+----+----+
| 13446 | Priyadevi | 45 | 16 years | 2013-05-15 | 100000 |
| 18245 | Abhi | 38 | 10 years | 2018-06-01 | 80000 |
| 22534 | Shri | 42 | 5 years | 2022-10-20 | 60000 |
+----+----+----+----+----+
3 rows in set (0.00 sec)

mysql> truncate table sms_tch_demo;
Query OK, 0 rows affected (0.12 sec)

mysql> select * from sms_tch_demo;
Empty set (0.01 sec)

mysql> desc sms_tch_demo;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| ID | int | NO | PRI | NULL | auto_increment |
| Name | varchar(20) | YES | | NULL | |
| Age | int | YES | | NULL | |
| YOE | varchar(20) | YES | | NULL | |
| DOJ | date | YES | | NULL | |
| Salary | int | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
6 rows in set (0.00 sec)

mysql> drop table sms_tch_demo;
Query OK, 0 rows affected (0.07 sec)

mysql> desc sms_tch_demo;
ERROR 1146 (42S02): Table 'sms.sms_tch_demo' doesn't exist

mysql> show tables;
+-----+
| Tables_in_sms |
+-----+
| sms_tch |
+-----+
1 row in set (0.00 sec)

mysql>
```

```
mysql> create table sms_tch_copy like sms_tch;
Query OK, 0 rows affected (0.09 sec)

mysql> show tables;
+-----+
| Tables_in_sms |
+-----+
| sms_tch |
| sms_tch_copy |
+-----+
2 rows in set (0.05 sec)

mysql>
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```
-- Duplicates: 0 Warnings: 0
mysql> select * from table sms_tch_demo;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'table sms_tch_demo' at line 1
mysql> select * from sms_tch_demo;
+----+----+----+----+----+
| ID | Name | Age | YOE | DOJ | Salary |
+----+----+----+----+----+
| 13546 | Priyadevi | 45 | 16 years | 2013-05-15 | 100000 |
| 18245 | Abhi | 38 | 10 years | 2018-06-01 | 80000 |
| 22534 | Shri | 42 | 5 years | 2022-10-20 | 60000 |
+----+----+----+----+----+
3 rows in set (0.00 sec)

mysql> truncate table sms_tch_demo;
Query OK, 0 rows affected (0.12 sec)

mysql> select * from sms_tch_demo;
Empty set (0.01 sec)

mysql> desc sms_tch_demo;
+----+----+----+----+----+----+
| Field | Type | Null | Key | Default | Extra |
+----+----+----+----+----+----+
| ID | int | NO | PRI | NULL | auto_increment |
| Name | varchar(20) | YES | | NULL | |
| Age | int | YES | | NULL | |
| YOE | varchar(20) | YES | | NULL | |
| DOJ | date | YES | | NULL | |
| Salary | int | YES | | NULL | |
+----+----+----+----+----+----+
6 rows in set (0.00 sec)

mysql> drop table sms_tch_demo;
Query OK, 0 rows affected (0.07 sec)

mysql> desc sms_tch_demo;
ERROR 1146 (42502): Table 'sms.sms_tch_demo' doesn't exist
mysql> show tables;
```

```
mysql> select user();
+-----+
| user() |
+-----+
| root@localhost |
+-----+
1 row in set (0.00 sec)

mysql> create user 'Abhi'@'localhost' identified by '18245';
Query OK, 0 rows affected (0.05 sec)

mysql> select user,host from mysql.user;
+-----+-----+
| user | host |
+-----+-----+
| root | % |
| Abhi | localhost |
| mysql.infoschema | localhost |
| mysql.session | localhost |
| mysql.sys | localhost |
| root | localhost |
+-----+-----+
6 rows in set (0.00 sec)

mysql> grant select on sms.sms_tch to 'Abhi'@'localhost';
Query OK, 0 rows affected (0.02 sec)

mysql> revoke select on sms.sms_tch from 'Abhi'@'localhost';
Query OK, 0 rows affected (0.02 sec)

mysql> select user,host from mysql.user;
+-----+-----+
| user | host |
+-----+-----+
| root | % |
| Abhi | localhost |
| mysql.infoschema | localhost |
| mysql.session | localhost |
| mysql.sys | localhost |
| root | localhost |
+-----+-----+
6 rows in set (0.00 sec)
```

```
mysql> select user,host from mysql.user;
+-----+-----+
| user | host |
+-----+-----+
| root | % |
| Abhi | localhost |
| mysql.infoschema | localhost |
| mysql.session | localhost |
| mysql.sys | localhost |
| root | localhost |
+-----+-----+
6 rows in set (0.00 sec)

mysql> show grants for 'Abhi'@'localhost';
+-----+
| Grants for Abhi@localhost |
+-----+
| GRANT USAGE ON *.* TO 'Abhi'@'localhost' |
+-----+
1 row in set (0.00 sec)

mysql> grant select on sms.sms_tch to 'Abhi'@'localhost';
Query OK, 0 rows affected (0.02 sec)

mysql> show grants for 'Abhi'@'localhost';
+-----+
| Grants for Abhi@localhost |
+-----+
| GRANT USAGE ON *.* TO 'Abhi'@'localhost' |
| GRANT SELECT ON `sms`.`sms_tch` TO 'Abhi'@'localhost' |
+-----+
2 rows in set (0.00 sec)

mysql> revoke select on sms.sms_tch from 'Abhi'@'localhost';
Query OK, 0 rows affected (0.01 sec)

mysql> show grants for 'Abhi'@'localhost';
+-----+
| Grants for Abhi@localhost |
+-----+
| GRANT USAGE ON *.* TO 'Abhi'@'localhost' |

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mysql> Default
      +-----+
      | 1 row in set (0.00 sec)
mysql> grant select on sms.sms_tch to 'Abhi'@'localhost';
Query OK, 0 rows affected (0.02 sec)
mysql> show grants for 'Abhi'@'localhost';
+-----+
| Grants for Abhi@localhost
+-----+
| GRANT USAGE ON *.* TO 'Abhi'@'localhost'
| GRANT SELECT ON `sms`.`sms_tch` TO 'Abhi'@'localhost'
+-----+
2 rows in set (0.00 sec)

mysql> revoke select on sms.sms_tch from 'Abhi'@'localhost';
Query OK, 0 rows affected (0.01 sec)
mysql> show grants for 'Abhi'@'localhost';
+-----+
| Grants for Abhi@localhost
+-----+
| GRANT USAGE ON *.* TO 'Abhi'@'localhost'
+-----+
1 row in set (0.00 sec)

mysql> desc sms;
ERROR 1146 (42000): Table 'sms.sms' doesn't exist
mysql> desc sms_tch;
+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+
| ID   | int  | NO   | PRI | NULL    | auto_increment |
| Name | varchar(20) | YES |     | NULL    |           |
| Age  | int  | YES  |     | NULL    |           |
| VOE  | varchar(20) | YES |     | NULL    |           |
| DOB  | date | YES  |     | NULL    |           |
| Salary | int  | YES  |     | NULL    |           |
+-----+
6 rows in set (0.03 sec)

mysql>

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MySQL 8.0 Command Line Cli | + - x
| world | +-----+
7 rows in set (0.03 sec)

mysql> use sms;
Database changed
mysql> create table sms_tt(Class VARCHAR(20),Subject VARCHAR(20),Day VARCHAR(20),Period INT);
Query OK, 0 rows affected (0.03 sec)

mysql> INSERT INTO sms_tt (Class, Subject, Day, Period) VALUES
-> ('10A', 'Maths', 'Monday', 1),
-> ('9B', 'English', 'Tuesday', 1),
-> ('10A', 'Science', 'Monday', 2),
-> ('9B', 'Math', 'Tuesday', 2),
-> ('8A', 'Science', 'Wednesday', 1),
-> ('8A', 'English', 'Wednesday', 2),
-> ('7C', 'History', 'Thursday', 1),
-> ('7C', 'Geography', 'Thursday', 2),
-> ('6B', 'Maths', 'Friday', 1),
-> ('6B', 'Science', 'Friday', 2);
Query OK, 10 rows affected (0.02 sec)
Records: 10 Duplicates: 0 Warnings: 0

mysql> select * from sms_tt;
+-----+
| Class | Subject | Day     | Period |
+-----+
| 10A  | Maths    | Monday  | 1      |
| 9B   | English   | Tuesday | 1      |
| 10A  | Science   | Monday  | 2      |
| 9B   | Maths     | Tuesday | 2      |
| 8A   | Science   | Wednesday | 1      |
| 8A   | English   | Wednesday | 2      |
| 7C   | History   | Thursday | 1      |
| 7C   | Geography | Thursday | 2      |
| 6B   | Maths     | Friday  | 1      |
| 6B   | Science   | Friday  | 2      |
+-----+
10 rows in set (0.00 sec)

mysql>

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MySQL 8.0 Command Line Cli | + - x
mysql> select * from sms_tt;
+-----+
| Class | Subject | Day     | Period | ID |
+-----+
| 10A  | Maths    | Monday  | 1      | 10235 |
| 9B   | English   | Tuesday | 1      | 11216 |
| 10A  | Science   | Monday  | 2      | 11217 |
| 9B   | Maths     | Tuesday | 2      | 12131 |
| 8A   | Science   | Wednesday | 1      | 13546 |
| 8A   | English   | Wednesday | 2      | 15276 |
| 7C   | History   | Thursday | 1      | 16626 |
| 7C   | Geography | Thursday | 2      | 16627 |
| 6B   | Maths     | Friday  | 1      | NULL  |
| 6B   | Science   | Friday  | 2      | NULL  |
| 10B  |          |          |        | 1     |
+-----+
11 rows in set (0.00 sec)

mysql> select sms_tch.ID,sms_tch.Name,sms_tt.Class,sms_tt.Subject from sms_tch right join sms_tt on sms_tch.ID=sms_tt.ID;
+-----+
| ID | Name | Class | Subject |
+-----+
| 10235 | Varshini | 10A | Maths |
| 11216 | Samdev | 9B | English |
| 10246 | Karthick | 10A | Science |
| 11217 | Jyoti | 9B | Maths |
| 13546 | Priyadevi | 8A | Science |
| 15276 | Devi | 8A | English |
| 16626 | Ranidevi | 7C | History |
| NULL | NULL | 7C | Geography |
| NULL | NULL | 6B | Maths |
| NULL | NULL | 6B | Science |
| NULL | NULL | 10B |          |
+-----+
11 rows in set (0.01 sec)

mysql> select sms_tch.ID,sms_tch.Name,sms_tt.Class,sms_tt.Subject from sms_tch left join sms_tt on sms_tch.ID=sms_tt.ID;
+-----+
| ID | Name | Class | Subject |
+-----+
| 10235 | Varshini | 10A | Maths |
| 11216 | Samdev | 9B | English |
| 10246 | Karthick | 10A | Science |
| 11217 | Jyoti | 9B | Maths |
| 13546 | Priyadevi | 8A | Science |
| 15276 | Devi | 8A | English |
| 16626 | Ranidevi | 7C | History |
| NULL | NULL | 7C | Geography |
| NULL | NULL | 6B | Maths |
| NULL | NULL | 6B | Science |
| NULL | NULL | 10B |          |
+-----+
11 rows in set (0.01 sec)

mysql>

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MySQL 8.0 Command Line Cli + v
+-----+
| 13546 | Priyadevi | 8A   | Science |
| 15276 | Devi      | 8A   | English |
| 16626 | Ranidevi  | 7C   | History |
| NULL  | NULL      | 7C   | Geography |
| NULL  | NULL      | 6B   | Maths   |
| NULL  | NULL      | 6B   | Science |
| NULL  | NULL      | 10B  |          |
+-----+
11 rows in set (0.01 sec)

mysql> select sms_tch.ID,sms_tch.Name,sms_tt.Class,sms_tt.Subject from sms_tch left join sms_tt on sms_tch.ID=sms_tt.ID;
+----+----+----+----+
| ID | Name | Class | Subject |
+----+----+----+----+
| 10235 | Varshini | 10A | Maths |
| 10246 | Karthick | 10A | Science |
| 11216 | Samdev   | 9B | English |
| 12131 | John     | 9B | Maths |
| 13546 | Priyadevi | 8A | Science |
| 15276 | Devi      | 8A | English |
| 16626 | Ranidevi  | 7C | History |
| 18245 | Abhi     | NULL | NULL |
| 20213 | Sham     | NULL | NULL |
| 25213 | Shamini  | NULL | NULL |
+----+----+----+----+
10 rows in set (0.00 sec)

mysql> select sms_tch.ID,sms_tch.Name,sms_tt.Class,sms_tt.Subject from sms_tch inner join sms_tt on sms_tch.ID=sms_tt.ID;
+----+----+----+----+
| ID | Name | Class | Subject |
+----+----+----+----+
| 10235 | Varshini | 10A | Maths |
| 10246 | Karthick | 10A | Science |
| 11216 | Samdev   | 9B | English |
| 12131 | John     | 9B | Maths |
| 13546 | Priyadevi | 8A | Science |
| 15276 | Devi      | 8A | English |
| 16626 | Ranidevi  | 7C | History |
+----+----+----+----+
7 rows in set (0.01 sec)

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28-01-2026
10:18
IN

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mysql> select sms_tch.ID,sms_tch.Name,sms_tt.Class,sms_tt.Subject from sms_tch left join sms_tt on sms_tch.ID=sms_tt.ID union  select sms_tch.ID,sms_tch.Nam
e,sms_tt.Class,sms_tt.Subject from sms_tch right join sms_tt on sms_tch.ID=sms_tt.ID;;
+----+----+----+----+
| ID | Name | Class | Subject |
+----+----+----+----+
| 10235 | Varshini | 10A | Maths |
| 10246 | Karthick | 10A | Science |
| 11216 | Samdev   | 9B | English |
| 12131 | John     | 9B | Maths |
| 13546 | Priyadevi | 8A | Science |
| 15276 | Devi      | 8A | English |
| 16626 | Ranidevi  | 7C | History |
| 18245 | Abhi     | NULL | NULL |
| 20213 | Sham     | NULL | NULL |
| 25213 | Shamini  | NULL | NULL |
| NULL | NULL    | 7C | Geography |
| NULL | NULL    | 6B | Maths   |
| NULL | NULL    | 6B | Science |
| NULL | NULL    | 10B |          |
+----+----+----+----+
14 rows in set (0.00 sec)

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```

mysql> DELIMITER //
mysql> CREATE TRIGGER trg_salary_check
-> BEFORE INSERT
-> ON sms_tch
-> FOR EACH ROW
-> BEGIN
->   IF NEW.Salary < 50000 THEN
->     SIGNAL SQLSTATE '45000'
->     SET MESSAGE_TEXT = 'Salary cannot be less than 50000';
->   END IF;
-> END;
-> //
Query OK, 0 rows affected (0.02 sec)

mysql>
mysql> DELIMITER ;
mysql> insert into sms_tch values(26110,'Dev',26,'3 years','2026-02-01',40000);
ERROR 1644 (45000): Salary cannot be less than 50000
mysql>

```