

1	DBMS	seema kedhar	250	charulatha
2	TOC	john martin	400	tata mcgraw hill
3	c	balagurusamy	300	technical

3 rows in set (0.00 sec)

mysql> SELECT * FROM book WHERE price=>300;
 ERROR 1064 (42000): You have an error in your SQL syntax;
 corresponds to your MySQL server version for the right sy
 ' at line 1

mysql> SELECT * FROM book WHERE price>=300;

s_no	b_name	author	price	publisher
2	TOC	john martin	400	tata mcgraw hill
3	c	balagurusamy	300	technical

2 rows in set (0.00 sec)

mysql> INSERT INTO book(s_no,b_name,author,price,publishe
 -> VALUES(4,'new book','new author',500,'new publishe
 Query OK, 1 row affected (0.07 sec)

mysql> select * from book;

s_no	b_name	author	price	publisher
1	DBMS	seema kedhar	250	charulatha
2	TOC	john martin	400	tata mcgraw hi
3	c	balagurusamy	300	technical
4	new book	new author	500	new publisher

4 rows in set (0.00 sec)

mysql> ALTER TABEL book DROP COLUMNN author;
 ERROR 1064 (42000): You have an error in your SQL syntax;
 corresponds to your MySQL server version for the right sy
 book DROP COLUMNN author' at line 1

mysql> ALTER TABLE book DROP COLUMN author;
 Query OK, 4 rows affected (0.41 sec)
 Records: 4 Duplicates: 0 Warnings: 0

mysql> select*from book;

s_no	b_name	price	publisher
1	DBMS	250	charulatha
2	TOC	400	tata mcgraw hill
3	c	300	technical
4	new book	500	new publisher

4 rows in set (0.00 sec)

```
mysql> DESC stud;
```

Field	Type	Null	Key	Default	Extra
s_no	int(11)	YES		NULL	
newname	varchar(50)	YES		NULL	
subject	varchar(50)	YES		NULL	
mark	int(11)	YES		NULL	
grade	varchar(50)	YES		NULL	

5 rows in set (0.09 sec)

```
mysql> create table sub asselect * from stud;
ERROR 1064 (42000): You have an error in your SQL syntax;
the right hand side of an ALTER statement corresponds to your MySQL server version for the right
hand side. 'alter table stud' at line 1
mysql> CREATE TABLE sub AS SELECT * FROM stud;
Query OK, 3 rows affected (0.16 sec)
Records: 3  Duplicates: 0  Warnings: 0
```

```
mysql> select *from stud;
```

s_no	newname	subject	mark	grade
1	somu	os	75	NULL
2	sankar	dbms	66	NULL
3	mahesh	mobile computing	92	NULL

3 rows in set (0.00 sec)

```
mysql> DELETE TABLE stud WHERE s_no = 2;
ERROR 1064 (42000): You have an error in your SQL syntax;
the right hand side of an ALTER statement corresponds to your MySQL server version for the right
hand side. 'alter table stud WHERE s_no = 2' at line 1
mysql> DELETE FROM stud WHERE s_no=2;
Query OK, 1 row affected (0.09 sec)
```

```
mysql> slect * from table;
ERROR 1064 (42000): You have an error in your SQL syntax;
the right hand side of an ALTER statement corresponds to your MySQL server version for the right
hand side. 'alter table * from table' at line 1
mysql> select * from stud;
```

s_no	newname	subject	mark	grade
1	somu	os	75	NULL
3	mahesh	mobile computing	92	NULL

2 rows in set (0.00 sec)

```
mysql> DROP TABLE stud;
```


1	ramesh	12345	100000.00	adyar
2	sam	12346	152500.00	mylapure
3	harish	12347	250000.00	anna salai

3 rows in set (0.00 sec)

mysql> SELECT * FROM bank1 WHERE acc_no=12346;

s_no	cust_name	acc_no	balnce	cust_branch
2	sam	12346	152500.00	mylapure

1 row in set (0.05 sec)

mysql> SELECT * FROM bank1 WHERE balnce>10000.00;

s_no	cust_name	acc_no	balnce	cust_branch
1	ramesh	12345	100000.00	adyar
2	sam	12346	152500.00	mylapure
3	harish	12347	250000.00	anna salai

3 rows in set (0.00 sec)

mysql> SELECT * FROM bank1 WHERE balnce BETWEEN 100000.00 AND 250000.00;

s_no	cust_name	acc_no	balnce	cust_branch
1	ramesh	12345	100000.00	adyar
2	sam	12346	152500.00	mylapure

2 rows in set (0.05 sec)

mysql> UPDATE bank1
-> SET cust_branch='poonamallee'
-> WHERE s_no=2;

Query OK, 1 row affected (0.07 sec)
Rows matched: 1 Changed: 1 Warnings: 0

mysql> select * from bank1;

s_no	cust_name	acc_no	balnce	cust_branch
1	ramesh	12345	100000.00	adyar
2	sam	12346	152500.00	poonamallee
3	harish	12347	250000.00	anna salai

3 rows in set (0.00 sec)

mysql> _

```
mysql> SELECT*FROM STUDENT;
```

REGNO	NAME	GENDER	DOB	MOBILENO	CITY
101	DEVAA	F	2004-11-12	12345	CHENNAI
102	ROGER	M	2004-01-22	98765	TRICHY
103	YOSEF	M	2005-05-07	981235	VELLORE
104	HARINI	F	2004-11-27	987895	MADURAI

```
4 rows in set (0.01 sec)
```

```
mysql> DESC STUDENT;
```

Field	Type	Null	Key	Default	Extra
REGNO	int(11)	YES		NULL	
NAME	varchar(15)	YES		NULL	
GENDER	char(1)	YES		NULL	
DOB	date	YES		NULL	
MOBILENO	int(11)	YES		NULL	
CITY	varchar(15)	YES		NULL	

```
6 rows in set (0.04 sec)
```

```
mysql> UPDATE STUDENT SET NAME = 'UPDATED STUDENT' WHERE REGNO = 103;
```

```
Query OK, 1 row affected (0.01 sec)
```

```
Rows matched: 1  Changed: 1  Warnings: 0
```

```
mysql> SELECT*FROM STUDENT;
```

REGNO	NAME	GENDER	DOB	MOBILENO	CITY
101	DEVAA	F	2004-11-12	12345	CHENNAI
102	ROGER	M	2004-01-22	98765	TRICHY
103	UPDATED STUDENT	M	2005-05-07	981235	VELLORE
104	HARINI	F	2004-11-27	987895	MADURAI

```
4 rows in set (0.00 sec)
```

```
mysql> SAVEPOINT MY_SAVEPOINT;  
Query OK, 0 rows affected (0.00 sec)
```

```
mysql> ROLLBACK TO MY_SAVEPOINT;  
ERROR 1305 (42000): SAVEPOINT MY_SAVEPOINT does not exist
```

```
mysql> ROLLBACK TO SAVEPOINT;  
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual
```

```
mysql> SAVEPOINT MY_SAVEPOINT;  
Query OK, 0 rows affected (0.00 sec)
```

```
mysql> CREATE TABLE CLASS(ID INT PRIMARY KEY, NAME VARCHAR (30));  
Query OK, 0 rows affected (0.03 sec)
```

```
mysql> SAVEPOINT SAVEPOINT1;  
Query OK, 0 rows affected (0.00 sec)
```

```
mysql> INSERT INTO CLASS VALUES(1, 'MATH'),  
-> (2, 'PHYSICS'),  
-> (3, 'BIOLOGY');
```

```
Query OK, 3 rows affected (0.01 sec)  
Records: 3 Duplicates: 0 Warnings: 0
```

```
mysql> SAVEPOINT SAVEPOINT2;  
Query OK, 0 rows affected (0.00 sec)
```

```
mysql> INSERT INTO CLASS VALUES(3, 'HISTORY'),  
-> (5, 'ENGLISH');  
ERROR 1062 (23000): Duplicate entry '3' for key 'PRIMARY'
```

```
mysql> INSERT INTO CLASS VALUES(4, 'HISTORY'),  
-> (5, 'ENGLISH');
```

```
Query OK, 2 rows affected (0.01 sec)  
Records: 2 Duplicates: 0 Warnings: 0
```

```
mysql> SAVEPOINT SAVEPOINT3;  
Query OK, 0 rows affected (0.00 sec)
```

```
mysql> ROLLBACK TO SAVEPOINT2;  
ERROR 1305 (42000): SAVEPOINT SAVEPOINT2 does not exist
```

```
mysql> SELECT*FROM CLASS;
```

ID	NAME
1	MATH
2	PHYSICS
3	BIOLOGY
4	HISTORY
5	ENGLISH

```

mysql> use department;
Database changed
mysql> select* from department;
Empty set (0.00 sec)

mysql> insert into departement values('123','cse','ram');
ERROR 1146 (42S02): Table 'department.departement' doesn't exist
mysql> insert into department values('123','cse','ram');
Query OK, 1 row affected (0.00 sec)

mysql> select* from department;
+-----+-----+-----+
| dep_no | dept_name | dept_head |
+-----+-----+-----+
| 123    | cse       | ram       |
+-----+-----+-----+

```

```
MySQL 8.0 Command Line CL  X  +  v

mysql> insert into college values(3,'kishore','M',4834797,'saravana','35','dbms');
Query OK, 1 row affected (0.00 sec)

mysql> insert into college values(4,'praveen','M',456789,'saravana','35','dbms');
Query OK, 1 row affected (0.00 sec)

mysql> select stud_name,stud_gender,mobileno from college order by stud_regno asc;
+-----+-----+-----+
| stud_name | stud_gender | mobileno |
+-----+-----+-----+
| vars      | F          | 35364563 |
| ram       | M          | 98347598 |
| kishore   | M          | 4834797  |
| praveen   | M          | 456789   |
+-----+-----+-----+
4 rows in set (0.00 sec)

mysql> select* from college order by fac_age desc;
+-----+-----+-----+-----+-----+-----+-----+
| stud_regno | stud_name | stud_gender | mobileno | fac_name | fac_age | course_name |
+-----+-----+-----+-----+-----+-----+-----+
| 1          | vars      | F          | 35364563 | mary     | 35      | dbms         |
| 2          | ram       | M          | 98347598 | mary     | 35      | dbms         |
| 3          | kishore   | M          | 4834797  | saravana | 35      | dbms         |
| 4          | praveen   | M          | 456789   | saravana | 35      | dbms         |
+-----+-----+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)

mysql> select count(course_name) from college;
+-----+
| count(course_name) |
+-----+
| 4                  |
+-----+
1 row in set (0.00 sec)

mysql> |
```

31°C
Partly sunny

ENG
IN 10:40
17-10-2023

```
mysql> create database faculty;
Query OK, 1 row affected (0.00 sec)

mysql> use faculty;
Database changed
mysql> create table faculty( fac_no varchar(4),fac_name varchar(15),gender char(1),dob date,dof date,mobile_no int(10));
Query OK, 0 rows affected, 1 warning (0.02 sec)

mysql> insert into faculty values('123','kish','M','2004-12-09','2022-11-03',666777888);
Query OK, 1 row affected (0.01 sec)

mysql> select* from faculty;
+-----+-----+-----+-----+-----+-----+
| fac_no | fac_name | gender | dob      | dof      | mobile_no |
+-----+-----+-----+-----+-----+-----+
| 123    | kish     | M      | 2004-12-09 | 2022-11-03 | 666777888 |
+-----+-----+-----+-----+-----+-----+
1 row in set (0.00 sec)

mysql> |
```



```
MySQL 8.0 Command Line CL  X  +  v
Enter password: ***
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 25
Server version: 8.0.34 MySQL Community Server - GPL

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affiliates. Other names may be trademarks of their respective
owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> use stud;
Database changed
mysql> select* from student;
+-----+-----+-----+-----+-----+-----+
| regno | name   | gender | DOB       | Mobile_No | city |
+-----+-----+-----+-----+-----+-----+
| 1     | ramanees | M      | 2004-12-09 | 824834811 | Mdu  |
+-----+-----+-----+-----+-----+-----+
1 row in set (0.00 sec)

mysql>
```

31°C
Near record

Search

ENG
IN

09:51
17-10-2023

Field	Type	Null	Key	Default
s_no	int(11)	YES		NULL
newname	varchar(50)	YES		NULL
designation	varchar(50)	YES		NULL
branch	varchar(50)	YES		NULL
salary	decimal(50,0)	YES		NULL

5 rows in set (0.09 sec)

mysql> desc emp5;

Field	Type	Null	Key	Default
s_no	int(11)	YES		NULL
newname	varchar(50)	YES		NULL
designation	varchar(50)	YES		NULL
branch	varchar(50)	YES		NULL
salary	decimal(50,0)	YES		NULL

5 rows in set (0.05 sec)

mysql> RENAME TABLE emp5 TO employee5;

Query OK, 0 rows affected (0.27 sec)

mysql> DELETE FROM emp5 where s_no=2;

ERROR 1146 (42S02): Table 'emp5.emp5' doesn't exist

mysql> DELETE TABLE employee5 WHERE s_no=2;

ERROR 1064 (42000): You have an error in your SQL statement; the right-hand side of the statement corresponds to your MySQL server version for the right-hand side of the statement
employee5 WHERE s_no=2' at line 1

mysql> 5;

ERROR 1064 (42000): You have an error in your SQL statement; the right-hand side of the statement corresponds to your MySQL server version for the right-hand side of the statement
line 1

mysql> DELETE FROM employee5 WHERE s_no=2;

Query OK, 1 row affected (0.09 sec)

mysql> select *from employee5;

s_no	newname	designation	branch	salary
1	suresh	manager	chennai	NULL
3	hari	assistant	trichy	NULL

2 rows in set (0.00 sec)

```

+-----+-----+-----+-----+-----+-----+
| 1 | ramesh | 12345 | 100000.00 | adyar |
| 2 | sam | 12346 | 152500.00 | mylapure |
| 3 | harish | 12347 | 250000.00 | anna salai |
+-----+-----+-----+-----+-----+

```

3 rows in set (0.00 sec)

mysql> SELECT * FROM bank1 WHERE acc_no=12346;

```

+-----+-----+-----+-----+-----+
| s_no | cust_name | acc_no | balnce | cust_branch |
+-----+-----+-----+-----+-----+
| 2 | sam | 12346 | 152500.00 | mylapure |
+-----+-----+-----+-----+-----+

```

1 row in set (0.05 sec)

mysql> SELECT * FROM bank1 WHERE balnce>100000.00;

```

+-----+-----+-----+-----+-----+
| s_no | cust_name | acc_no | balnce | cust_branch |
+-----+-----+-----+-----+-----+
| 1 | ramesh | 12345 | 100000.00 | adyar |
| 2 | sam | 12346 | 152500.00 | mylapure |
| 3 | harish | 12347 | 250000.00 | anna salai |
+-----+-----+-----+-----+-----+

```

3 rows in set (0.00 sec)

mysql> SELECT * FROM bank1 WHERE balnce BETWEEN 100000.00 AND 200000.00;

```

+-----+-----+-----+-----+-----+
| s_no | cust_name | acc_no | balnce | cust_branch |
+-----+-----+-----+-----+-----+
| 1 | ramesh | 12345 | 100000.00 | adyar |
| 2 | sam | 12346 | 152500.00 | mylapure |
+-----+-----+-----+-----+-----+

```

2 rows in set (0.05 sec)

```

mysql> UPDATE bank1
-> SET cust_branch='poonamallee'
-> WHERE s_no=2;

```

Query OK, 1 row affected (0.07 sec)

Rows matched: 1 Changed: 1 Warnings: 0

mysql> select * from bank1;

```

+-----+-----+-----+-----+-----+
| s_no | cust_name | acc_no | balnce | cust_branch |
+-----+-----+-----+-----+-----+
| 1 | ramesh | 12345 | 100000.00 | adyar |
| 2 | sam | 12346 | 152500.00 | poonamallee |
| 3 | harish | 12347 | 250000.00 | anna salai |
+-----+-----+-----+-----+-----+

```

3 rows in set (0.00 sec)

mysql> _



```
mysql> SELECT*FROM FACULTY;
```

FACNO	FACNAME	GENDER	DOB	DOJ	MOBILENO
1111	SUJI	F	1989-01-20	2020-08-16	11111
2222	SANKAR GANESH	M	1978-05-30	2021-09-08	55555
1	SANKAR	M	1991-03-12	2000-11-14	12345
3	SUJI	F	1981-02-01	2002-09-24	98765
7	ANBU	M	1978-12-21	1997-08-04	985615

```
5 rows in set (0.00 sec)
```

```
mysql> ALTER TABLE FACULTY ADD RESIGNED VARCHAR(5);
```

```
Query OK, 5 rows affected (0.06 sec)
```

```
Records: 5 Duplicates: 0 Warnings: 0
```

```
mysql> UPDATE FACULTY SET RESIGNED = 'YES' WHERE FACNO=7;
```

```
Query OK, 1 row affected (0.01 sec)
```

```
Rows matched: 1 Changed: 1 Warnings: 0
```

```
mysql> SELECT*FROM FACULTY;
```

FACNO	FACNAME	GENDER	DOB	DOJ	MOBILENO	RESIGNED
1111	SUJI	F	1989-01-20	2020-08-16	11111	NULL
2222	SANKAR GANESH	M	1978-05-30	2021-09-08	55555	NULL
1	SANKAR	M	1991-03-12	2000-11-14	12345	NULL
3	SUJI	F	1981-02-01	2002-09-24	98765	NULL
7	ANBU	M	1978-12-21	1997-08-04	985615	YES

```
5 rows in set (0.00 sec)
```

```
mysql> DELETE FROM FACULTY WHERE RESIGNED = 'YES';
```

```
Query OK, 1 row affected (0.01 sec)
```

```
mysql> SELECT*FROM FACULTY;
```

FACNO	FACNAME	GENDER	DOB	DOJ	MOBILENO	RESIGNED
1111	SUJI	F	1989-01-20	2020-08-16	11111	NULL
2222	SANKAR GANESH	M	1978-05-30	2021-09-08	55555	NULL
1	SANKAR	M	1991-03-12	2000-11-14	12345	NULL
3	SUJI	F	1981-02-01	2002-09-24	98765	NULL

```
4 rows in set (0.00 sec)
```



```

ERROR 1064 (42000): You have an error in your SQL syntax;
corresponds to your MySQL server version for the right
emp AS SELECT * FROM workers' at line 1
mysql> CREATE TABLE emp4 AS SELECT * FROM workers;
Query OK, 3 rows affected (0.16 sec)
Records: 3  Duplicates: 0  Warnings: 0

mysql> SELECT * FROM emp4;
+-----+-----+-----+-----+-----+
| s_no | newname | designation | branch | salary |
+-----+-----+-----+-----+-----+
| 1    | kannan  | manager     | chennai | NULL    |
| 2    | mahesh  | supervisor  | madurai | NULL    |
| 3    | maruthi | assistant   | trichy  | NULL    |
+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)

mysql> select * from workers;
+-----+-----+-----+-----+-----+
| s_no | newname | designation | branch | salary |
+-----+-----+-----+-----+-----+
| 1    | kannan  | manager     | chennai | NULL    |
| 2    | mahesh  | supervisor  | madurai | NULL    |
| 3    | maruthi | assistant   | trichy  | NULL    |
+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)

mysql> DELETE FROM workers WHERE s_no=2;
Query OK, 1 row affected (0.08 sec)

mysql> select *from workers;
+-----+-----+-----+-----+-----+
| s_no | newname | designation | branch | salary |
+-----+-----+-----+-----+-----+
| 1    | kannan  | manager     | chennai | NULL    |
| 3    | maruthi | assistant   | trichy  | NULL    |
+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)

mysql> DROP TABLE workers;
Query OK, 0 rows affected (0.08 sec)

mysql> select * from workers;
ERROR 1146 (42S02): Table 'workers.workers' doesn't e
mysql> _

```

```
mysql> SELECT*FROM FACULTY;
```

FACNO	FACNAME	GENDER	DOB	DOJ	MOBILENO
1111	SUJI	F	1989-01-20	2020-08-16	11111
2222	SANKAR GANESH	M	1978-05-30	2021-09-08	55555
1	SANKAR	M	1991-03-12	2000-11-14	12345
3	SUJI	F	1981-02-01	2002-09-24	98765
7	ANBU	M	1978-12-21	1997-08-04	985615

```
5 rows in set (0.00 sec)
```

```
mysql> ALTER TABLE FACULTY ADD RESIGNED VARCHAR(5);
```

```
Query OK, 5 rows affected (0.06 sec)
```

```
Records: 5 Duplicates: 0 Warnings: 0
```

```
mysql> UPDATE FACULTY SET RESIGNED = 'YES' WHERE FACNO=7;
```

```
Query OK, 1 row affected (0.01 sec)
```

```
Rows matched: 1 Changed: 1 Warnings: 0
```

```
mysql> SELECT*FROM FACULTY;
```

FACNO	FACNAME	GENDER	DOB	DOJ	MOBILENO	RESIGNED
1111	SUJI	F	1989-01-20	2020-08-16	11111	NULL
2222	SANKAR GANESH	M	1978-05-30	2021-09-08	55555	NULL
1	SANKAR	M	1991-03-12	2000-11-14	12345	NULL
3	SUJI	F	1981-02-01	2002-09-24	98765	NULL
7	ANBU	M	1978-12-21	1997-08-04	985615	YES

```
5 rows in set (0.00 sec)
```

```
mysql> DELETE FROM FACULTY WHERE RESIGNED = 'YES';
```

```
Query OK, 1 row affected (0.01 sec)
```

```
mysql> SELECT*FROM FACULTY;
```

FACNO	FACNAME	GENDER	DOB	DOJ	MOBILENO	RESIGNED
1111	SUJI	F	1989-01-20	2020-08-16	11111	NULL
2222	SANKAR GANESH	M	1978-05-30	2021-09-08	55555	NULL
1	SANKAR	M	1991-03-12	2000-11-14	12345	NULL
3	SUJI	F	1981-02-01	2002-09-24	98765	NULL

```
4 rows in set (0.00 sec)
```

```
select * from bank;
```

Output

S_NO	cust_name	acc_no	balance	cus_branch
1	ramesh	12378	100000	adyar
2	sam	12367	152500	mylapore
3	harish	12345	250000	anna salai

```
select * from bank where cust_name ="ramesh"
```

Output

S_NO	cust_name	acc_no	balance	cus_branch
1	ramesh	12378	100000	adyar


```
select * from bank where balance between 100000 and 200000
```

Output

S_NO	cust_name	acc_no	balance	cus_branch
1	ramesh	12378	100000	adyar
2	sam	12367	152500	mylapore

```
select * from bank where balance>150000
```

Output

S_NO	cust_name	acc_no	balance	cus_branch
2	sam	12367	152500	mylapore
3	harish	12345	250000	anna salai

```
update bank set cus_branch = "poonamallee"  
where s_no=2;
```

BANK

S_NO	cust_name	acc_no	balance	cus_branch
1	ramesh	12378	100000	adyar
2	sam	12367	152500	poonamallee
3	harish	12345	250000	anna salai

```
CREATE TABLE book(  
  S_NO INTEGER,  
  book name[varchar(25)],  
  author[varchar(25)],  
  price integer,  
  publisher[varchar(25)]  
);  
  
insert into book values(1,'dbms','seema kedhar',250,'charulatha');  
insert into book values(2,'toc','john martin',400,'tata mcgraw hill');  
insert into book values(3,'c prog','balagurusamy',300,'technical');
```

Book

S_NO	book	author	price	publisher
1	dbms	seema kedhar	250	charulatha
2	toc	john martin	400	tata mcgraw hill
3	c prog	balagurusamy	300	technical

Customers

Input



Run SQL

> Available Tables

```
CREATE TABLE BANK(  
  S_NO integer,  
  cust_name[varchar(25)],  
  acc_no integer,  
  balance integer,  
  cus_branch[varchar(25)]  
);
```

BANK				
S_NO	cust_name	acc_no	balance	cus_branch
empty				

```
insert into BANK values(1,'ramesh','12378','100000','adyar');
insert into BANK values(2,'sam','12367','152500','mylapore');
insert into BANK values(3,'harish','12345','250000','anna salai');
```

BANK

S_NO	cust_name	acc_no	balance	cus_branch
1	ramesh	12378	100000	adyar
2	sam	12367	152500	mylapore
3	harish	12345	250000	anna salai

```
DELETE FROM EMP
WHERE S_NO=2;
```

Customers

customer_id	first_name	last_name	age	country
1	John	Doe	31	USA
2	Robert	Luna	22	USA
3	David	Robinson	22	UK
4	John	Reinhardt	25	UK
5	Betty	Doe	28	UAE

EMP

S_NO	NAME	DESIGNATION	ADDRESS	salary
1	suresh	manager	chennai	12000
3	hari	assistant	trichy	12000

Input

Run SQL

>

Available Tables

```
create table sub as select * from student;
```

Output

Student

S_NO	name	subject	mark	grade	cloumn
1	somu	os	75		
2	sankar	dbms	66		
3	mahesh	mobile computing	92		

Sub

S_NO	name	subject	mark	grade	cloumn
1	somu	os	75		
2	sankar	dbms	66		
3	mahesh	mobile computing	92		

Input

Run SQL

```
alter table workers
add salary decimal(10,2);
```

Available Tables

Workers

S_NO	name	designation	branch	salary
1	kannan	manager	chennai	
2	mahesh	supervisor	madurai	
3	mahesh	assistant	trichy	

Input

Run SQL

```
alter table workers
add salary decimal(10,2);
```

Available Tables

Workers

S_NO	name	designation	branch	salary
1	kannan	manager	chennai	
2	mahesh	supervisor	madurai	
3	mahesh	assistant	trichy	

```
CREATE TABLE workers(  
  S_NO INTEGER,  
  name [varchar(25)],  
  designation [varchar(25)],  
  branch [varchar]  
);  
  
insert into workers values(1,'kannan','manager','chennai');  
insert into workers values(2,'mahesh','supervisor','madurai');  
insert into workers values(3,'mahesh','assistant','trichy');
```

Workers

S_NO	name	designation	branch
1	kannan	manager	chennai
2	mahesh	supervisor	madurai
3	mahesh	assistant	trichy

Input

Run SQL

> Available Tables

```
drop table student;
```

Sub

S_NO	name	subject	mark	grade	cloumn
1	somu	cs	75		
2	sankar	dbms	66		
3	mahesh	mobile computing	92		

Input



Run SQL



Available Tables

```
delete from student
where s_no=2;
```

Student

S_NO	name	subject	mark	grade	cloumn
1	somu	os	75		
3	mahesh	mobile computing	92		

Sub

S_NO	name	subject	mark	grade	cloumn
1	somu	os	75		
2	sankar	dbms	66		
3	mahesh	mobile computing	92		

Input

Run SQL

```
alter table student
add grade varchar(2);
```

Available Tables

Student				
S_NO	name	subject	mark	grade
1	somu	os	75	
2	sankar	dbms	66	
3	mahesh	mobile computing	92	

<

Input

Run SQL

>

CREATE TABLE student(
S_NO INTEGER,
name[varchar(25)],
subject[varchar(25)],
mark integer
);

insert into student values(1,'somu','os',75);
insert into student values(2,'sankar','dbms',66);
insert into student values(3,'mahesh','mobile computing',92);

Available Tables

Student

S_NO	name	subject	mark
1	somu	os	75
2	sankar	dbms	66
3	mahesh	mobile computing	92

Input

Run SQL

select * from book;

Output

S_NO	book	author	price	publisher
1	dbms	seema kedhar	250	charulatha
2	toc	john martin	400	tata mcgraw hill
3	c prog	balagurusamy	300	technical

< Input



Run SQL

```
select * from book
where price >=300;
```

Output

S_NO	book	author	price	publisher
2	toc	john martin	400	tata mcgraw hill
3	c prog	balagurusamy	300	technical

< Input    Run SQL > Available Tables

```
insert into book values(4,'m2',"balji",500,"amrutha");
```

Book

S_NO	book	author	price	publisher
1	dbms	seema kedhar	250	charulatha
2	toc	john martin	400	tata mcgraw hill
3	c prog	balagurusamy	300	technical
4	m2	balji	500	amrutha

Input

Run SQL

```
CREATE TABLE student(  
  S_NO INTEGER,  
  name[varchar(25)],  
  subject[varchar(25)],  
  mark integer  
);  
  
insert into student values(1,'somu','os',75);  
insert into student values(2,'sankar','dbms',66);  
insert into student values(3,'mahesh','mobile computing',92);
```

Available Tables

Student			
S_NO	name	subject	mark
1	somu	os	75
2	sankar	dbms	66
3	mahesh	mobile computing	92

Input

Run SQL

>

Available Tables

alter table student
add cloumn name varchar;

Student

S_NO	name	subject	mark	grade	cloumn
1	somu	os	75		
2	sankar	dbms	66		
3	mahesh	mobile computing	92		

Input

Run SQL

```
alter table book drop column author;
```

Available Tables

Book			
S_NO	book	price	publisher
1	dbms	250	charulatha
2	toc	400	tata mcgraw hill
3	c prog	300	technical
4	m2	500	amrutha

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Emp [-]

S_NO [int]

name [text]

designation [text]

branch [text]

salary [num]

Workers [-]

S_NO [integer]

name [varchar(25)]

designation [varchar(25)]

branch [varchar]

salary [decimal(10,2)]

Input

```
create table emp as select * from workers;
```

Run SQL

Available Tables

Emp

S_NO	name	designation	branch	salary
1	kannan	manager	chennai	
2	mahesh	supervisor	madurai	
3	mahesh	assistant	trichy	

Workers

S_NO	name	designation	branch	salary
1	kannan	manager	chennai	
2	mahesh	supervisor	madurai	
3	mahesh	assistant	trichy	

Output

SQL query successfully executed. However, the result set is empty.

Input

```
CREATE TABLE EMPLOYEE(  
  S_NO INTEGER,  
  NAME[varchar(25)],  
  DESIGNATION[varchar(25)],  
  BRANCH[varchar(25)]  
);
```



Run SQL

> Available Tables

Customers

customer_id	first_name
1	John
2	Robert
3	David
4	John
5	Betty

EMPLOYEE

S_NO	NAME
empty	

Input

Run SQL

> Available Tables

```
CREATE TABLE EMPLOYEE(  
  S_NO INTEGER,  
  NAME[varchar(25)],  
  DESIGNATION[varchar(25)],  
  BRANCH[varchar(25)]  
);
```

Customers

customer_id	first_name	last_name	age	country
1	John	Doe	31	USA
2	Robert	Luna	22	USA
3	David	Robinson	22	UK
4	John	Reinhardt	25	UK
5	Betty	Doe	28	UAE

EMPLOYEE

S_NO	NAME	DESIGNATION	BRANCH
empty			

```
insert into employee values(1,'suresh','manager','chennai');
insert into employee values(2,'ramesh','supervisor','madurai');
insert into employee values(3,'hari','assistant','trichy');
```

Customers

customer_id	first_name	last_name	age	country
1	John	Doe	31	USA
2	Robert	Luna	22	USA
3	David	Robinson	22	UK
4	John	Reinhardt	25	UK
5	Betty	Doe	28	UAE

EMPLOYEE

S_NO	NAME	DESIGNATION	BRANCH
1	suresh	manager	chennai
2	ramesh	supervisor	madurai
3	hari	assistant	trichy

alter TABLE EMPLOYEE add salary

Output

Customers

customer_id	first_name	last_name	age	country
1	John	Doe	31	USA
2	Robert	Luna	22	USA
3	David	Robinson	22	UK
4	John	Reinhardt	25	UK
5	Betty	Doe	28	UAE

EMPLOYEE

S_NO	NAME	DESIGNATION	BRANCH	salary
1	suresh	manager	chennai	
2	ramesh	supervisor	madurai	
3	hari	assistant	trichy	

```
UPDATE EMPLOYEE
SET salary=12000
where s_no=3;
```

Customers

customer_id	first_name	last_name	age	country
1	John	Doe	31	USA
2	Robert	Luna	22	USA
3	David	Robinson	22	UK
4	John	Reinhardt	25	UK
5	Betty	Doe	28	UAE

EMPLOYEE

S_NO	NAME	DESIGNATION	BRANCH	salary
1	suresh	manager	chennai	12000
2	ramesh	supervisor	madurai	12000
3	hari	assistant	trichy	12000

```
alter table 'employee' rename to 'emp'
```

Output

Customers

customer_id	first_name	last_name	age	country
1	John	Doe	31	USA
2	Robert	Luna	22	USA
3	David	Robinson	22	UK
4	John	Reinhardt	25	UK
5	Betty	Doe	28	UAE

Emp

S_NO	NAME	DESIGNATION	BRANCH	salary
1	suresh	manager	chennai	12000
2	ramesh	supervisor	madurai	12000
3	hari	assistant	trichy	12000

Input

Run SQL

alter table EMP
rename BRANCH TO ADDRESS

Available Tables

Customers

customer_id	first_name	last_name	age	country
1	John	Doe	31	USA
2	Robert	Luna	22	USA
3	David	Robinson	22	UK
4	John	Reinhardt	25	UK
5	Betty	Doe	28	UAE

EMP

S_NO	NAME	DESIGNATION	ADDRESS	salary
1	suresh	manager	chennai	12000
2	ramesh	supervisor	madurai	12000
3	hari	assistant	trichy	12000