

DDL

```
create table employee(  
    eid varchar(10) PRIMARY KEY NOT NULL,  
    branch_id varchar(15),  
    name varchar(25),  
    address varchar(50),  
    age float,  
    FOREIGN KEY (branch_id) REFERENCES branch (branch_id) ON DELETE CASCADE ON UPDATE CASCADE  
);
```

✓ 4 11:46:58 create table employee(eid varchar(10) PRIMARY KEY, branch_id ... 0 row(s) affected 0.250 sec

	Field	Type	Null	Key	Default	Extra
►	eid	varchar(10)	NO	PRI	NULL	
	branch_id	varchar(15)	YES	MUL	NULL	
	name	varchar(25)	YES		NULL	
	address	varchar(50)	YES		NULL	
	age	float	YES		NULL	

```
alter table employee add designation varchar(25);
```

✓ 65 12:53:23 alter table employee add designation varchar(25) 0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0 0.078 sec

	Field	Type	Null	Key	Default	Extra
►	eid	varchar(10)	NO	PRI	NULL	
	branch_id	varchar(15)	YES	MUL	NULL	
	name	varchar(25)	YES		NULL	
	address	varchar(50)	YES		NULL	
	age	float	YES		NULL	
	designation	varchar(25)	YES		NULL	

alter table loanaccounts alter max_credit set default 1000;

✓ 5 11:50:14 alter table loanaccounts alter max_credit set default 1000 0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0 0.047 sec

	Field	Type	Null	Key	Default	Extra
►	Account_number	varchar(20)	NO	PRI	NULL	
	branch_id	varchar(15)	YES	MUL	NULL	
	max_credit	int(11)	YES		1000	
	customer_id	varchar(15)	YES	MUL	NULL	
	current_credit	int(11)	YES		NULL	

alter table employee modify age int;

✓ 69 12:55:33 alter table employee modify age int 0 row(s) affected Records: 0 Duplicates: 0 Warnings: 0 1.047 sec

	Field	Type	Null	Key	Default	Extra
►	eid	varchar(10)	NO	PRI	NULL	
	branch_id	varchar(15)	YES	MUL	NULL	
	name	varchar(25)	YES		NULL	
	address	varchar(50)	YES		NULL	
	age	int(11)	YES		NULL	
	designation	varchar(25)	YES		NULL	

DML

select *

from players

where fname like '__s%';

72 12:59:00 select * from players where fname like '__s%' LIMIT 0, 10000 2 row(s) returned 0.000 sec / 0.000 sec

	player_id	fname	lname	adress_id	phone_number	email	club_id	rank_code
►	8	Rashid	Panwar	5	2987654321	rashid@gmail	2	2
	10	Ahsan	Rehman	6	25321987654	rehman@gmail	5	2
*	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

select *

from sponsors

where sponsor_name != 'azhar' and sponsor_name != 'galib';

73 12:59:44 select * from sponsors where sponsor_name != 'azhar' and sponsor_n... 2 row(s) returned 0.000 sec / 0.000 sec

	sponsor_id	sponsor_name	sponsor_phone	address_id
▶	2	kamran shabi	2147483647	13
	3	sahid	2147483647	14
•	NULL	NULL	NULL	NULL

select fname

from players natural join player_participated natural join tournaments

where tournament_name = 'awami';

74 13:00:34 select fname from players natural join player_participated natural join t... 4 row(s) returned 0.000 sec / 0.000 sec

	fname
▶	Hannan
	Jaiky
	Suneel
	Abde

select *

from tournaments

where organizer_id in (select organizer_id

from tournament_organizer

where organizer_name = 'alinawaz' or organizer_name = 'shabana azmi');

75 13:01:34 select * from tournaments where organizer_id in (select organizer_id fr... 1 row(s) returned 0.000 sec / 0.000 sec

	tornaments_id	organizer_id	tornament_start_date	tornament_end_date	tournament_name	winer_id
▶	3	4	2006-05-06	2006-08-06	litter maste	9
✱	NULL	NULL	NULL	NULL	NULL	NULL

```

select fname, lname
from players
where player_id in ( select player_id
                    from player_participated
                    group by player_id
                    having count(player_id) > 1);

```

81 13:07:58 select fname, lname from players where player_id in (select player_id ... 6 row(s) returned

0.000 sec / 0.000 sec

	fname	lname
▶	Raj	Kumar
	Hannan	Ejaz
	Suneel	Kothari
	Abde	Muneeb
	Jaiky	Sharma
	Rashid	Panwar

```

select count(*)
from chessclub
where adress_id in ( select address_id

```

```
from address  
where city = 'lahore' or city = 'faisalabad');
```

78 13:03:35 select count(*) from chessclub where adress_id in (select address_id... 1 row(s) returned 0.000 sec / 0.000 sec

	count(*)
▶	0

```
select fname, lname  
from (((players natural join player_participated)  
      natural join tournaments)  
      natural join tournament_organizer)  
      natural join chessclub cl)  
join address a on cl.adress_id = a.address_id  
where organizer_name = 'Rahat fateh' and city = 'lahore';
```

79 13:04:08 select fname, lname from (((players natural join player_participated) ... 0 row(s) returned 0.000 sec / 0.000 sec

	fname	lname
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