player (player\_id, pname,speciality,date\_of joining,num\_matches,team\_id)

create table player(

player\_id int primary key,

pname varchar(30) not null,

speciality enum('baller','batsman','wicket keeper','all rounder'),

date\_of\_joining date,

num\_matches int,

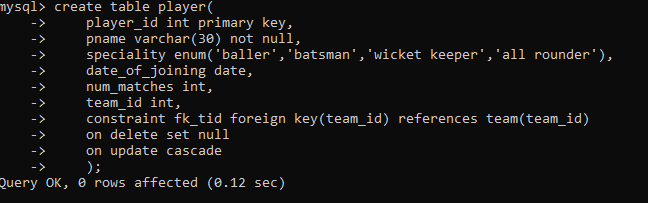
team\_id int,

constraint fk\_tid foreign key(team\_id) references team(team\_id)

on delete set null

on update cascade

);



insert into team values(101,'RCB',13);

insert into team(team\_id,tname,player\_num) values

(102,'CSK',14),

(103,'MI',15),

(104,'RR',13);

team(team\_id, tname,player\_num)

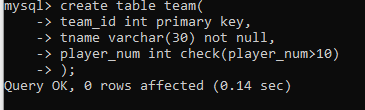
create table team(

-> team\_id int primary key,

-> tname varchar(30) not null,

player\_num int check(player\_num>10)

);



matches(match\_id, team1\_id,team2\_id,match\_date,winner,man\_of\_the match)

create table matches(

match\_id int primary key,

match\_date date,

winner int,

team1 int,

team2 int,

man\_of\_the\_match int,

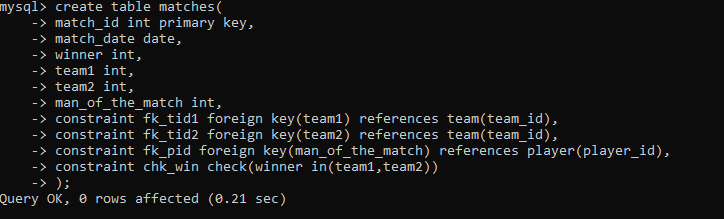
constraint fk\_tid1 foreign key(team1) references team(team\_id),

constraint fk\_tid2 foreign key(team2) references team(team\_id),

constraint fk\_pid foreign key(man\_of\_the\_match) references player(player\_id),

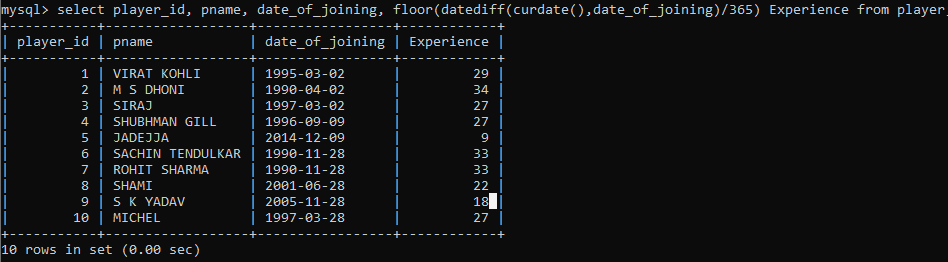
constraint chk\_win check(winner in(team1,team2))

);

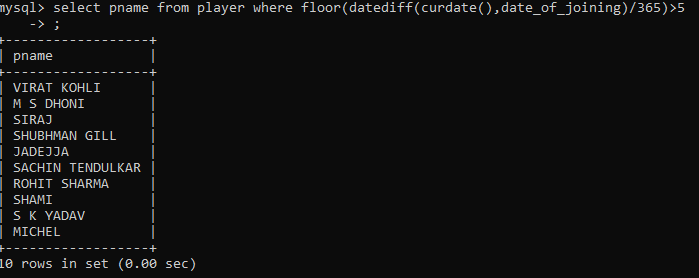


simple query

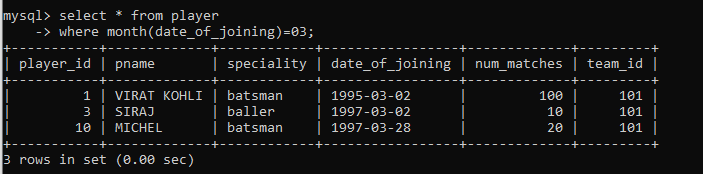
1. display all players playerid, player name and experience



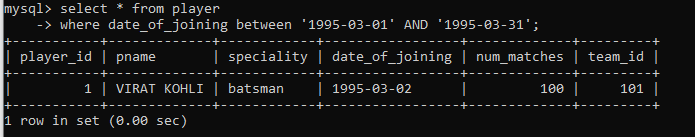
2. display all player with experience > 5 years



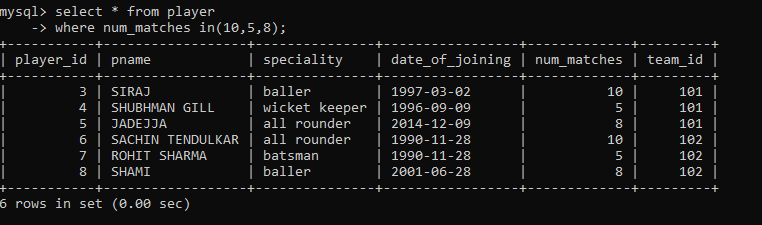
3. display all players joined in march month, any year



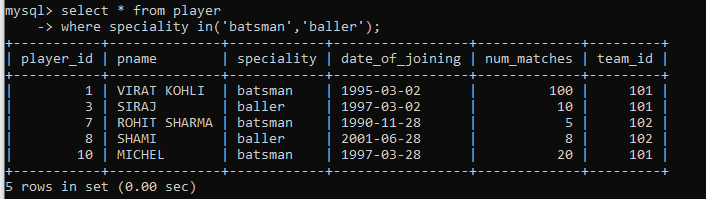
4. display all plaslectyers joined in march 1995



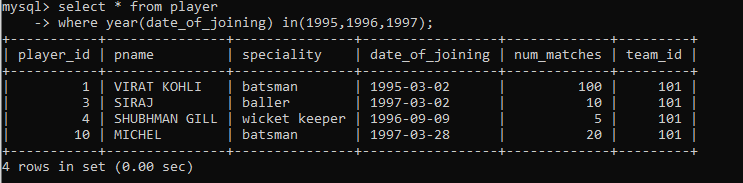
5. display all player with number of matches played are either 5 or 10 or 8



6. display all employees who are either batsman, bowler

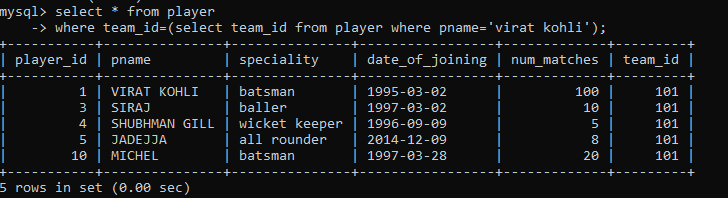


7. display all employees who joined in year 1995 or 1996 or 1997

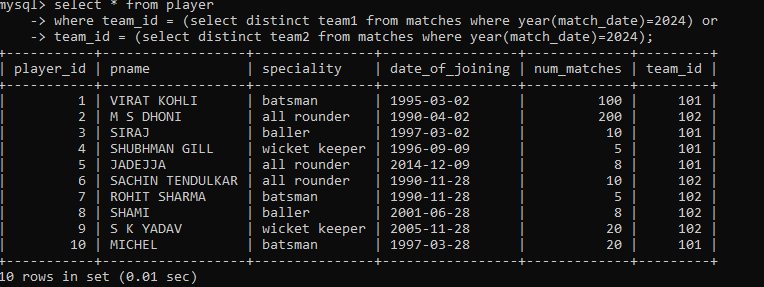


Nested query

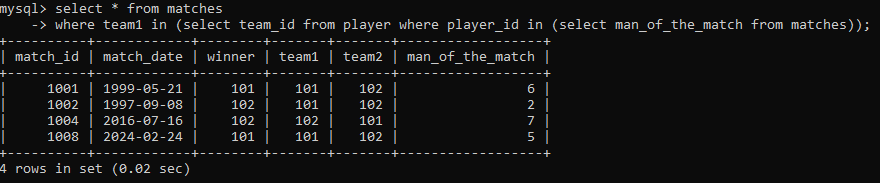
1. list all player who plays in virat kohalis team



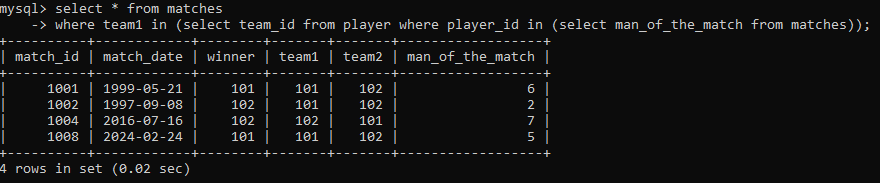
2. list all players who played matches in year 2024



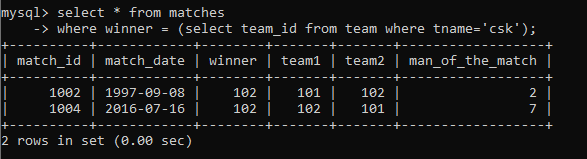
3. list all matches in which man of the match is from team1



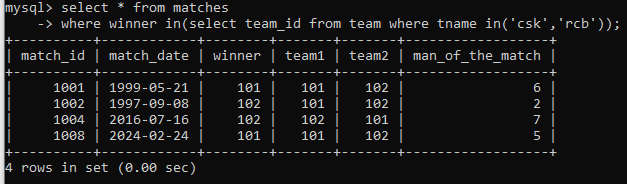
4. list all matches in which man of the match is from team1



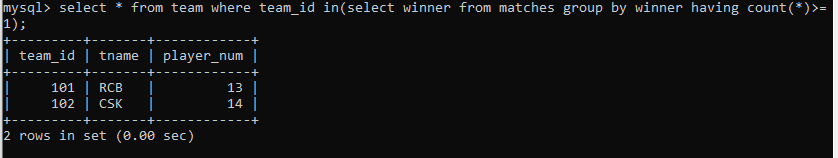
5. list all matches in which csk team win.

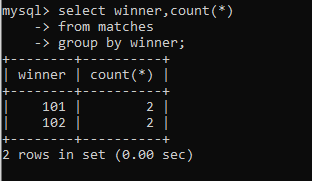


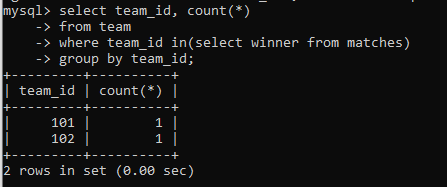
6. list all matches in which either csk or rcb team won the match



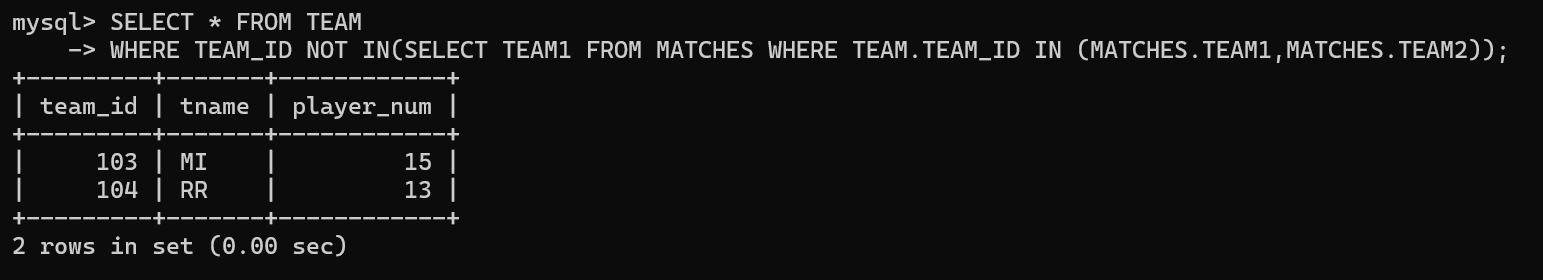
7. list all teams who won atleast one match



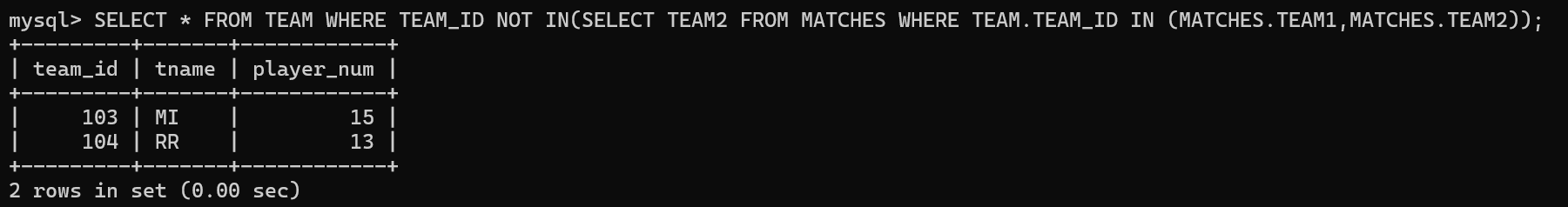




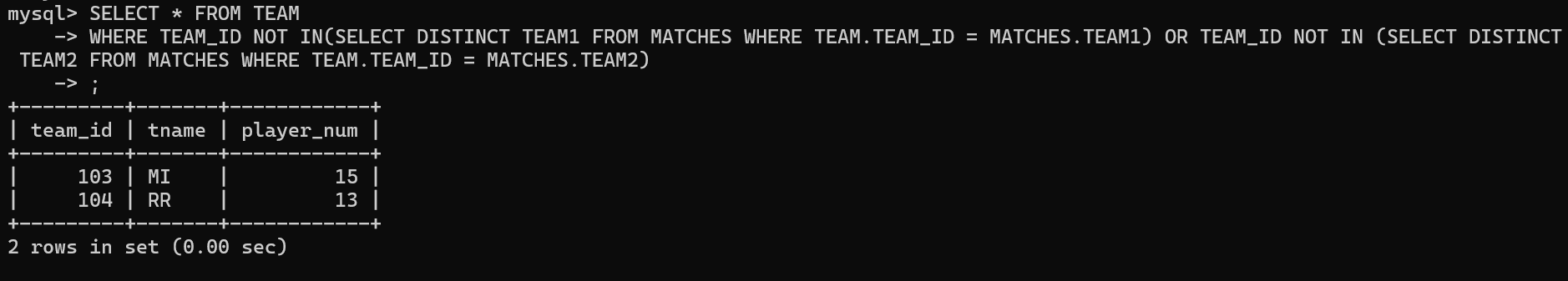
8. list all teams who does not played any match



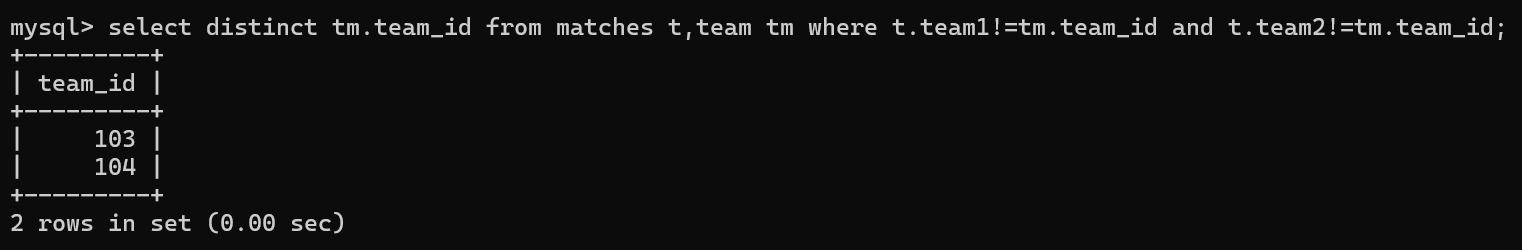
ANOTHER WAY 2



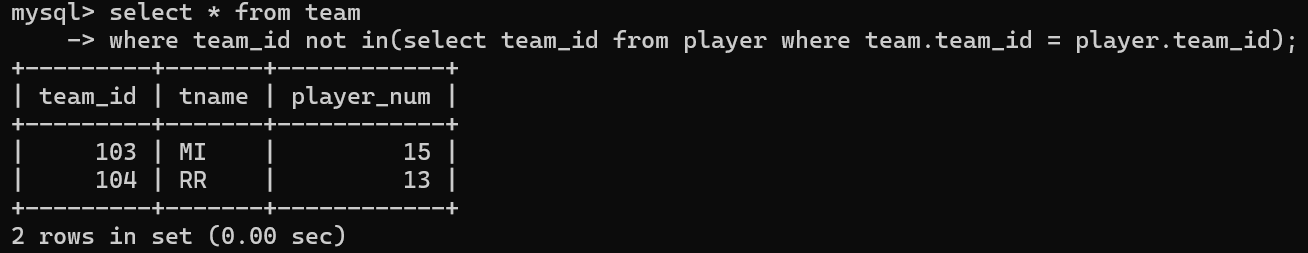
ANOTHER WAY 3



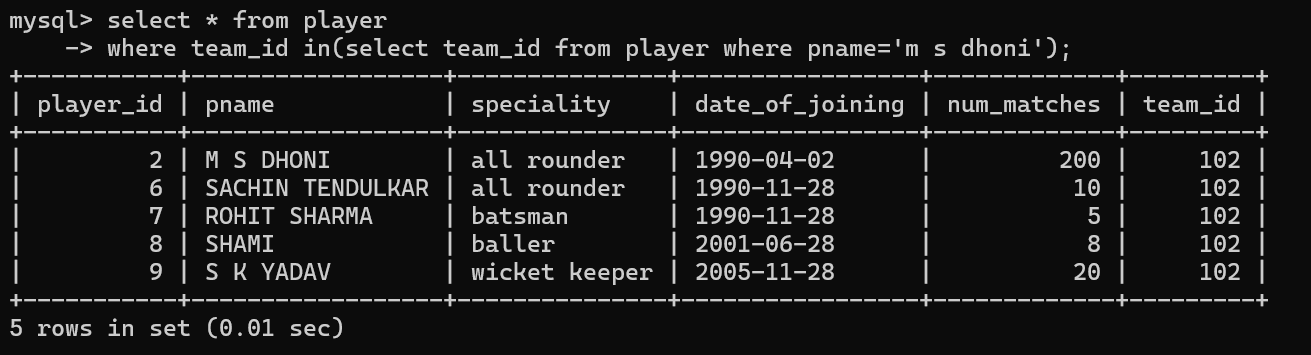
ANOTHER WAY 4



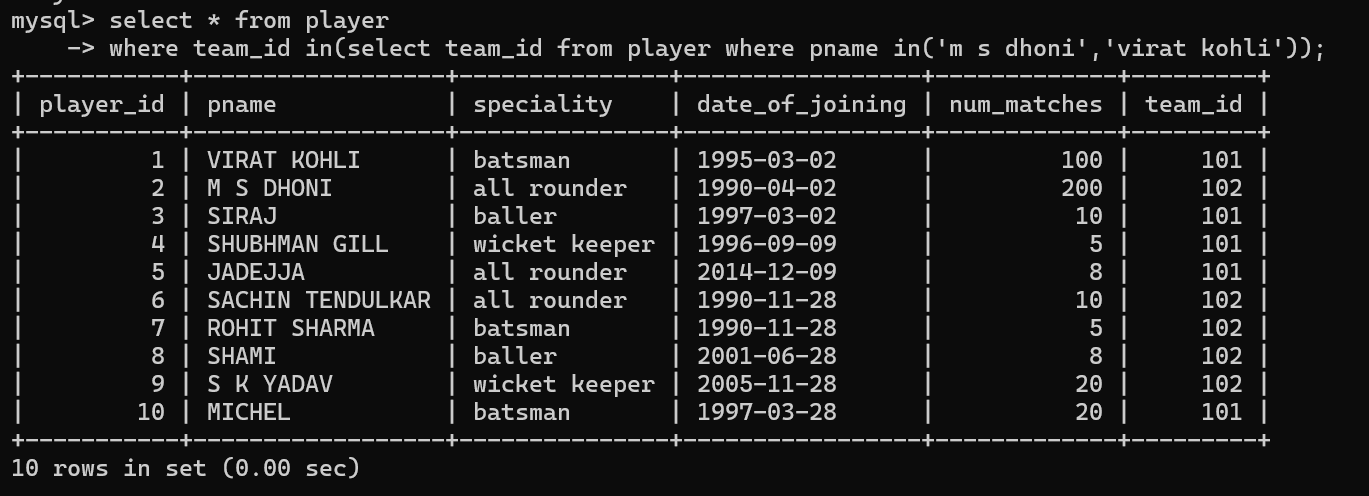
9. list all team name, in which no players are their



10. list all players who are in dhoni’s team



11. list all players who are in either dhoni’s or virat’s team



12. find all team names who won more than 3 matches

